

**JIGAWA STATE UNIVERSITY
KAFIN HAUSA**



ACADEMIC BRIEF

VOLUME I

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CHAPTER ONE: INTRODUCTION

1.0 PREAMBLE

The Jigawa State Government has taken the bold step of establishing a Jigawa State University to address the yearnings of the people of the State for a State-owned university. Jigawa State University is also being established to address the difficulties the State indigenes experience in gaining admission into Nigerian Universities. The State Government had in the past resisted the clamour for the establishment of a State University, because the State was foot dragging and had to be revived first. With the progress made so far by Jigawa State since the present administration took over in 2007, it is the believe of the people and Government of Jigawa State that the time is now ripe for the establishment of a State University. To buttress the fact that Jigawa State is ripe for the establishment of a State University, the following conclusions are drawn from the statistical analysis of Jigawa State education data:

- i. **proximity to university** – that proximity was very important for students when choosing university as 80% of all Jigawa State students studying in universities and who were on State scholarship were in the nearest conventional universities to the State, namely Bayero University, Kano, Kano State University and Ahmadu Bello University, Zaria. The issue of proximity, according to the analyses, assumes greater importance in the case of female students for obvious reasons;

- ii. **need to widen access** – that only 26% of the 1,355 qualified Jigawa State applicants into Bayero University, Kano during the 2010/2011 gained admission into the university. If the trend was similar in all universities, then about 8,500 qualified candidates from the State would not be able to secure admission into universities annually and this further support the need for the establishment of Jigawa State University;
- iii. **need to train teachers for primary and pre-primary schools** – that Jigawa State was facing a serious problem of insufficient number of qualified teachers as up to 80% and 42% of the teachers in primary and pre-primary schools respectively were not qualified. In addition to the high number of unqualified teachers, the teachers were inadequate in number. The pupils/teacher ratios (PTR) for schools ranged from 49.4 for senior secondary schools to 154.9 for pre-primary schools. Thus, more teachers were needed to bring down the ratios to the national requirements and that based on projections, the shortfall in the number of teachers was going to worsen over time, unless something was done to address the issue;
- iv. **need to address gender disparity** – that there was a wide gender disparity in Jigawa State teaching force to the disadvantage of the females with only 10% of the teachers in primary schools and 6% in junior and senior secondary schools in the State; and
- v. **minimal private participation** – that the contribution of private schools in Jigawa State education sector was very minimal and Government remains the most committed and most viable operator to establish a university in the State.

1.1 HISTORICAL BACKGROUND

In 2002 a law was enacted by the Jigawa State House of Assembly and duly assented to by the then Governor, Alhaji Saminu Turaki, which established the Jigawa State University of Science and Technology. This university remained trapped inside the Law No. 10 of 2002 as it was never actualised. The present effort to establish Jigawa State University was commenced when His Excellency, Alhaji Sule Lamido, the Executive Governor of Jigawa State on Tuesday, 22 June 2010 inaugurated the Technical Committee for the Establishment of Jigawa State University with the following membership:

- | | | | |
|-------|--------------------------------|---|--------------|
| i. | Prof. Munzali Jibril | - | Chairman |
| ii. | Prof. Abubakar Rasheed | - | Member |
| iii. | Prof. Haruna Wakili | - | Member |
| iv. | Prof. Haruna Abdullahi Birniwa | - | Member |
| v. | Prof. Muhammad Yahuza Bello | - | Member |
| vi. | Dr. Umma Abdulwahid | - | Member |
| vii. | Dr. Ahmed Tijjani Abdullahi | - | Member |
| viii. | Mal. Adamu Aliyu Kiyawa | - | Member |
| ix. | Dr. Ya'u Haruna Usman | - | Member |
| x. | Dr. Abdulhamid Isa Dutse | - | Member |
| xi. | Abdullahi Hudu (co-opted) | - | Secretary |
| xii. | Magaji Uba Muhammad (co-opted) | - | Co-Secretary |

The terms of reference (TOR) of the Committee were to:

- i. recommend the type of university (specialist, generalist etc) suitable for the State;
- ii. design a blueprint for the establishment of the State University, including such things as:
 - a. name of the university, crest and motto;
 - b. philosophy, objectives, vision and mission;
 - c. faculties, schools, institutes, centres, departments and other teaching and research units of the university;
 - d. principal officers (Chancellor, Vice-Chancellor, Registrar, Librarian, Bursar, etc);
 - e. funding;
- iii. provide an implementation framework for a phased evolution of the university;
- iv. produce a detailed Academic Brief for the university;
- v. propose the law establishing the university;
- vi. partner with and co-opt any person(s) who in the view of the Committee will aid its assignment;
- vii. make any recommendation of specific or general nature related to the establishment of the university; and
- viii. submit a report within five months from the date of inauguration.

The committee completed its assignment and submitted a report to the Jigawa State Government. This Academic Brief, prepared by the Technical Committee, outlines a detailed blueprint for the establishment, growth and development of Jigawa State University for the first ten years and up to its maturity.

1.2 LOCATION OF THE UNIVERSITY

Jigawa State was created out of the old Kano State in 27 August 1991. By the 1999 Constitution of Federal Republic of Nigeria, the State comprises 27 Local Government Areas, which are divided into 30 State Constituencies, grouped into 11 Federal Constituencies and 3 Senatorial Districts. The 27 Local Government Areas are: Auyo, Babura, Biriniwa, Birnin Kudu, Buji, Dutse, Gagarawa, Garki, Gumel, Guri, Gwaram, Gwiwa, Hadejia, Jahun, Kafin Hausa, Kaugama, Kazaure, Kiri Kasama, Kiyawa, Maigatari, Malam Madori, Miga, Ringim, Roni, Sule Tankarkar, Taura, and Yankwashi. These 27 Local Government Areas were further subdivided into 77 Development Areas per law No. 5 of 2004 of the State House of Assembly. The State capital is located at Dutse.

Jigawa State is situated in north-western part of Nigeria between Latitudes 11.00°N to 13.00°N and Longitudes 8.00°E to 10.15°E. Kano State and Katsina State border Jigawa to the west, Bauchi State to the east and Yobe State to the northeast. To the north, Jigawa shares an international border with Zinder Region in the Republic of Niger, which is a unique opportunity for cross-border trading activities. Government readily took advantage of this by initiating and establishing a Free-Trade Zone at the Border town of Maigatari of country of Niger.

Jigawa State has a total land area of approximately 22,410 square kilometers. Its topography is generally characterised by undulating land, with sand dunes of various sizes spanning several kilometers in parts of the State. The southern part of Jigawa comprises the Basement Complex, while the northeast is made up of sedimentary rocks of the Chad Formation. The main rivers are Hadejia, Kafin Hausa and Iggi Rivers with a number of tributaries feeding

extensive marshlands in north-eastern part of the State. Hadejia – Kafin Hausa River traverses the State from west to east through the Hadejia-Nguru wetlands and empties into Lake Chad Basin.

Most parts of Jigawa State lie within the Sudan Savannah with elements of Guinea Savannah in the southern part. Total forest cover in the State is very much below national average of 14.8%. Due to natural and human factors, forest cover is being depleted, making northern part of the State highly vulnerable to desert encroachment. The State enjoys vast fertile arable land to which almost all tropical crops could adapt, thus constituting one of its highly prized natural resources. The Sudan Savannah vegetation zone is also made up of vast grazing lands suitable for livestock production.

The climate of Jigawa state is semi-arid, characterised by a long dry season and a short wet season. The climatic variables vary considerable over the year and are erratic. The temperature regime is warm to hot. The mean annual temperature is about 25°C, but the mean monthly values range between 21°C in the coolest month and 31°C in the hottest month. However, the mean daily temperature could be as low as 20°C during the months of December and January, when the cold dry Harmattan wind blows from the Sahara Desert. Evapotranspiration is very high and relative humidity is highest in August (up to 80 per cent) and low in January through March (23 to 30 per cent) when it is moderated by the Harmattan. Wet season is roughly four months (June to September) and dry season is seven to eight months (October to May). The rainy season may start in May, but early rains in April are not unusual. The bulk of the rainfall comes in June through September. Violent dust storms followed by tornado and lightening, usually herald the onset of the rains in May/June and their retreat in September to early October. The total annual rainfall ranges from 600mm in

the north to 1000mm in the southern parts of the State. Great variations occur in the annual total rainfall and may result in severe and prolonged droughts. The major ecological problems in Jigawa State are drought, desertification and the menace of soil and wind erosion. As the State is located in a relatively dry part of the country, the sparse vegetation renders the bare surface deposits very susceptible to erosion. Gullies are rampant, resulting in soil removal from farm lands and the collapse of roads, bridges and other structures. The other ecological hazard, desertification, is more pronounced in the northern fringes of the State. Most of the dunes have however been stabilised and the State Government has been embarked on a comprehensive programme to tackle the problems posed by gully erosion and desertification. Such programmes include massive afforestation, channelisation and well planned land use schemes.

The socio-cultural situation in Jigawa State could be described as homogeneous as it is mostly populated by Hausa/Fulani, who could be found in all parts of the State. Kanuri are largely found in Hadejia Emirate, with some traces of Badawa mainly in its northeastern parts. Even though each of the three dominant tribes has continued to maintain its ethnic identity, Islam and a long history of inter-marriages have continued to bind them together. About 3.6 million people inhabit Jigawa State. Although population of the State is predominantly rural (90%), the distribution in terms of gender is almost equal between male (50.8%) and female (49.2%).

The economy of Jigawa State is largely characterised by informal sector activities with agriculture as the major economic activity. Over 80% of the population is engaged in subsistence farming and animal husbandry. Trade and commerce are undertaken on small and medium scale, especially in agricultural goods, livestock and other consumer goods. Other

informal sector activities include blacksmithing, leather-works, tailoring services, auto repairs, metal works, carpentry, tanning, dyeing, food processing, masonry, etc.

Jigawa State is richly endowed with natural resources, with about 70 per cent of the total land area being cultivated, while 10 per cent of the land area constitutes grazing reserve, 5 per cent for reserve and the remaining 15 per cent are settlements and uncultivable areas. The State has 97 constituted forest reserves of 600 square kilometers, 17 communal forest areas of 20 square kilometers in total and one game reserve (Baturiya game reserve) with 320 square kilometers in total. To arrest the menace of desertification in the State, a total of 1,750 km of protective shelter belts were established and 250 kilometer of sand dunes was fixed.

Jigawa State is endowed with abundant good deposits of mineral resources. Some of these include: Kaolin in Dutse, Gwaram, Kazaure and Roni LGAs; Tourmaline in Gwaram LGA; Amethyst a semi-precious stone in Hadejia, Birniwa, Birnin Kudu, Gumel and Garki LGAs; Potash in Birniwa and Kirkasamma LGAs; Silica deposits in Ringirn, Birniwa, Kazaure and Babura LGAs; Iron Ore in Roni LGA; Copper found to be present in the iron ore fields identified in Roni LGA; White Quartz in Kazaure, Roni and Gwaram LGAs; Refractory Clay in Hadejia LGA; and Fine Clay in Gwaram LGA.

Although modern industrial sector is yet to gain a solid footing, the seed for their development was planted through establishment of small-scale industries particularly in areas of food processing and other agro-allied activities. These industries have been helped by the Information Communication Technology programme initiated by the State Government. At the moment, there is quite a number of small scale industries scattered all over the State such as leather works, textile manufacture, rice processing, bakeries, etc. In view of the State's

desire for rapid industrial development, a comprehensive industrialisation plan has been proposed for the whole State. Already, Tate and Lyle Sugar Company Limited have established a N41 billion sugar factory at Auyo. In this connection, the Kaigwai valley has been reactivated, serving the company as water reservoir. Other industrial projects that have been completed and are fully operational include: Jigawa State Tomato and Citrus Processing Industry with model farm, located at Kazaure processing tomato and citrus fruits into juice; Jigawa State Flour Mills and Allied products processing grains into flour and grits in Gumel; and Jigawa State Dairy Products and Model Farm processing milk into yoghurt, cheese and butter at Birnin Kudu; Atafi Rice Processing Company at Hadejia processing paddy rice; and Sugar Processing Company at Sara. Other industries that are under way include: Fertiliser Manufacturing Industry, proposed to be at Malam Madori; Meat Processing Industry, proposed to be located at Maigatari; Sheet Glass Manufacturing Industry to be located at Babura as well as Tin and Columbite mining in several areas of the State.

1.2.1 INVESTMENT OPPORTUNITY IN JIGAWA STATE

Jigawa State offers a very conducive environment for potential investors. In view of its desire for rapid economic development of the young State, the State Government has put forward a package of incentives to investors. These include free supply of infrastructure, preferential approval of certificates of occupancy in industrial layouts, tax relief and other incentives. The present administration is making all the necessary contact with foreign investors so that they could come and exploit the various investment opportunities available all over the State. Jigawa State's industrial potentials include: garbage industry, stone crushing, white bricks manufacturing plant, modern bakery, concrete block industry, printing services industry, cooking gas refilling plant, car wash services, tailoring industry, nail making plant, children's

disposable items industry, grains processing plant, restaurant services, poultry keeping and hatchery, modern slaughter house, manure manufacturing industry, spinning industry, match manufacturing, feed mill, leather tanning and finishing, soft drinks manufacturing, fish production and smoking, ice block manufacturing, paper manufacturing, particle board and ceiling manufacturing, x-ray film manufacturing, confectionery plant, plastic wares, and cotton white calico weaving.

1.2.2 UNIVERSITY SITE

Jigawa State University is expected to start academic activities in the 2013/14 session from its permanent site located at Kafin Hausa in Kafin Hausa LGA of Jigawa State. The permanent site has an area of about 400 hectares. The address of the university shall be:

Jigawa State University

Kafin Hausa

Jigawa State

1.3 THE PROPRIETOR

The Jigawa State Government is the Proprietor of the Jigawa State University, while His Excellency, the Executive Governor of Jigawa State is the Visitor.

1.4 VISION

The vision of Jigawa State University is ‘to be a top class university that provides a stimulating teaching, learning and research environment in pursuit of solutions to societal problems’.

1.5 MISSION

The mission of Jigawa State University shall be ‘to produce graduates sound in character and learning, at undergraduate and graduate levels, imbued with the spirit of service and dedicated to innovative applications of knowledge aimed at improving the lives of people within Jigawa State, the nation and humanity in general’.

1.6 PHILOSOPHY

Jigawa State University shall draw inspiration from and be a beacon of light to all the people of Jigawa State and shall dedicate itself to the creation of better living conditions for the people. The university shall do this through the application of knowledge and skills generated. The university shall strive to be citadel where knowledge is excellently harnessed for the benefit of mankind and with care for the environment.

The philosophy of Jigawa State University is also to build a top class university renowned for its excellent academic and research programmes, which shall be a magnet for all those who desire knowledge for its own good and for the development of society. The philosophy is developing the individual to the best is developing society to the greatest. This shall only be

possible where excellent facilities are provided in the most serene environment to bring out the best in every individual without any form of discrimination.

The academic structure and programmes of Jigawa State University shall be developed on the values of quality, fairness, integrity, and sound knowledge. The goal of the university shall be the quest for knowledge and the search for truth and the exploitation of both to the benefit of man and society.

1.7 OBJECTIVES

To ensure that Jigawa State University realises its vision and mission, the university law has defined its objectives which include to:

- i. make higher education more accessible to the people of Jigawa State in an environment that reflects the religious and socio – cultural values of the society;
- ii. nurture quality graduates in all field of knowledge fully conscious of their history and duty to serve and empower their community to face its many challenges, by infusing in them the positive values that will build their characters as future leaders;
- iii. recruit, develop and maintain highly qualified teaching staff that will be active in and renowned for research and commitment to teaching;
- iv. dedicate itself to challenging the normal way of solving societal problems by encouraging collaboration and innovative multi-disciplinary research and seeking out old and new challenges that have been ignored;

- v. orient itself and work with all the communities in Jigawa State, drawing inspiration from and documenting the philosophies, ideas, achievements, academic outputs and statecraft of ancient states in the Western Sudan as part of a deliberate mental decolonisation of the African mind;
- vi. establish and nurture relationships with community organisations, government agencies as well as the private sector to enhance the educational, economic, religious and socio – cultural vitality of Jigawa State and its neighbouring States;
- vii. encourage the exploration of local technologies as well as stimulate innovation, adaptation and application of accessible and cost – effective technology solutions to societal problems of environmental degradation and desertification, low agricultural output, delivery of educational and health services to the rural populace along with water supply and housing challenges amongst developmental challenges now and in the future;
- viii. creatively infuse activities that map all academic studies to their fields of practice or service by attachments, visitations and such other mechanisms as are deemed feasible so that all students in all disciplines benefit from practical field experience, mentoring and guidance from practitioners in their related fields of study; and
- ix. equip all students with entrepreneurship education and skills, so as to empower them to be job creators capable of adding value to the economy of and exploiting the natural resources of Jigawa State, rather than job seekers upon graduation.

The law establishing Jigawa State University also confers the following functions on the university to:

- i. provide instructions in such branches of learning as the university may think fit whether for members of the university or for others, and to make provision for research and for preservation, advancement and dissemination of knowledge in such manner as the university may determine;
- ii. prescribe in its statutes the condition under which persons may be admitted as students of the university for any particular course of study provided by the university;
- iii. grant, under the conditions laid down in the university law or its statutes, degrees, diplomas, certificates and other academic distinctions to persons who shall have pursued a course of study approved by the university and shall have passed the examination or other test prescribed by it;
- iv. grant and or approve to any persons, under conditions laid down in the university law or in its statute, honorary degree or other academic distinctions;
- v. on what Council and Senate shall consider to be good cause to deprive persons of any degree, diplomas, certificates or other academic distinctions granted to them by the university;
- vi. accept the examination and period of study passed by the students of the university at other institutions, universities or place of learning as equivalent to such examination and period of study in the university as the Senate may determine and to withdraw such acceptance at any time;
- vii. enter into any agreement for the incorporation or affiliation to or with the university or any other institution and for taking over its rights, properties and liabilities;
- viii. join with other institutions, universities, public or private bodies, authorities or associations having in view or promoting any purpose or to appoint one or more representatives to sit on any such body, institution, university, body, authority or

association, in either case for such purposes as may be agreed upon or as may be provided by the university law, on such terms and conditions as may from time to time be prescribed by statute;

- ix. institute such offices as the purposes of the university may require and to appoint persons to and remove them from such offices and to prescribe their conditions of service;
- x. prescribe rules for the discipline of students of the university;
- xi. establish, maintain, administer, govern and supervise places of residence for officers and students of the university;
- xii. institute and award fellowships, scholarship, internship, prizes and other aids to study and research;
- xiii. make provision for research, design, development, testing, advisory and consultancy services and with these objects to enter into such arrangements with other institutions or public bodies as may be thought desirable and to charge the users of such services such fees as may be thought desirable;
- xiv. print, produce and publish works of research and such other works as may from time to time be thought fit by the university;
- xv. sell or provide for reward or otherwise such books, stationary and other goods and services as may be deemed expedient and consistent with objectives of the university;
- xvi. demand and receive fees and contributions to the funds of the university but without obligation to accept same and to raise money in such other manner as the university may deem fit;
- xvii. operate its bank account, borrow and invest money and to act as trustees or managers of any property, legacy, endowment, bequest or gift for purposes of education or research, or otherwise in furtherance of the work and welfare of the university, and to

- invest any funds representing same in accordance with the provisions of the statutes;
- xviii. do all such other acts or things whether or not incidental to the foregoing powers as may advance the objects of the university; and
- xix. by special arrangement, agreement or affiliation with any other institution or university prepare its students for the degrees or certificates of such other institution or university.

The law establishing Jigawa State University further confers the following powers on the university to:

- i. establish such campuses, colleges, faculties, institutes, academic departments, schools, extra-mural departments and other teaching and research units within the university as from time to time necessary;
- ii. institute professorships, readership, lecturership and other posts and offices and to make appointment thereto;
- iii. institute and award fellowships, scholarships, exhibitions, bursaries, medals, prizes and other titles, distinctions, awards and form of assistance;
- iv. provide for the discipline, condition of service and welfare of members of the university;
- v. hold examinations and grant degrees, diplomas, certificates and other distinctions to persons who have pursued a course of study approved by the university and have satisfied such other requirements as the university may lay down;
- vi. grant honorary degrees, fellowships or academic titles;

- vii. demand and receive from any student or any other person attending the university for the purpose of instruction such fees as the university may from time to time determine subject to the overall directives of the Visitor;
- viii. subject to the provision of the university law, to acquire, hold, grant, and change or otherwise deal with or dispose of movable or immovable property wherever situated;
- ix. accept gifts, legacies and donations, but without obligation to accept same for a particular purpose unless it approves the terms and conditions attaching thereto;
- x. enter into contracts, establish trusts, act as trustees, solely or jointly with any other person, and comply and act through agents;
- xi. erect, provide, acquire and maintain libraries, laboratories, lecture halls, halls of residence, cafeteria, sporting grounds, playing fields and other buildings or things necessary or suitable or convenient for any of the objects of the university;
- xii. hold public lectures and to undertake printing, publishing and book selling;
- xiii. subject to any limitations or conditions imposed by the statute, to invest any monies appertaining to the university by way of endowment, whether for general or special purpose, and such other monies as may not be immediately required for current expenditure, in any investments or securities or in the purchase of improvement of land, with power from time to time to vary any such investments, and to deposit any monies for the time being un-invested with any bank on deposit or current accounts;
- xiv. borrow, whether on interest or not and if need be upon security of any or all of the property movable or immovable of the university, such money as the Council may from time to time in its discretion find necessary or expedient to borrow or to guarantee any loan, advances or credit facilities;
- xv. make gift for any charitable purpose;
- xvi. arrange for the general welfare of the immediate family of member of staff;

- xvii. do anything which is authorised or required by the university law or by statute to do;
and
- xviii. make such laws and do such things, whether or not incidental to the foregoing powers,
as may advance the objects of the university.

The university law with respect to statutes empowers Jigawa State University to make statutes for any of the following purposes:

- i. making provision with respect to the composition and constitution of any authority of the university;
- ii. specifying and regulating the powers and duties of any authority of the university, and regulating any other matter connected with the university or any of its authorities;
- iii. determining whether any particular matter is to be treated as an academic or non-academic matter for the purpose of the university law and of any statute, regulation or other instrument made there under;
- iv. making provision for any other matter for which provision is authorised by statute or university law; and
- v. regulating the admission of students where it is done by the university and their discipline and welfare.

1.8 STRATEGIES FOR ACHIEVING OBJECTIVES OF THE UNIVERSITY

Jigawa State University shall implement multiple strategies to improve its capacity to achieve the objectives for which the university is established. The strategies to be adopted shall include the following:

- i. engagement of the right caliber and number of staff that are sufficiently motivated, trained and with adequate opportunities for retraining;
- ii. provision of the state of the art facilities and equipment for teaching, learning and research, through wholesome integrated computerisation of the operations of the university, provision of internet connectivity and other ICT infrastructure and services;
- iii. provision of adequate fund for the implementation of all capital and recurrent needs of the university and diversification of the university's sources of income;
- iv. spearheading aggressive linkage programmes with neighboring as well as internationally acclaimed universities and research institutions, especially those located in more developed countries;
- v. developing of vigorous programmes of study, work schemes and entrepreneur profiles for students to ensure that brilliant, but indigent students are able to study in the university, with minimum hindrance;
- vi. inculcation of good moral values and the fear of God in all students so as to ensure highly disciplined university community, enduring town and gown relationship, while graduates of the university shall truly be found worthy both in character and learning;
- vii. implementing mandatory, general studies courses in entrepreneurial studies for all students in order to ensure that such graduates of the university are self-reliant and self-employable, while becoming 'employers of labour' in their respective areas of interest;
- viii. ensuring positive engagement and partnership with relevant with Federal Government, its agencies including NUC, the organised private sector and all stakeholders with the aim of identifying priority academic and research programmes

- and reflecting same in the activities of the university;
- ix. developing and implementing periodic strategic plans to further guide the attainment of the goals, objectives and priorities of the university;
 - x. establishing and sustaining viable staff training programme for young graduates adjudged to be excellent in character and learning to form the stock of future dedicated staff of the university;
 - xi. establishing robust, effective, proactive and achievement-driven management structure that is goal-oriented and frugal, but without compromising standards;
 - xii. ensuring that all research efforts of the university are geared towards resolving emerging social, economic and technological problems of Nigeria and the African sub-region;
 - xiii. promoting mutual understanding, respect and peaceful coexistence within the university communities, the immediate town communities as well as with other universities and similar tertiary institutions;
 - xiv. ensuring firm adherence to the university's calendar thereby ensuring stability in the delivery of quality education; and
 - xv. executing research and extension services geared towards addressing the cultural, social, religious and economic problems and needs of the people of Jigawa State and of Nigeria.

1.9 PROSPECTS FOR ACADEMIC DEVELOPMENT

The growth and development of the academic programmes of Jigawa State University is designed to address the educational and socio-economic transformation of the State. Thus, the faculties, departments and programmes have been carefully selected to address the

aspirations of the people and Government of Jigawa State. The academic structure is also planned to ensure that programmes shall only be added after adequate human and material resources have been provided for successful takeoff of academic units and programmes. It is expected that by the end of the life span of this Academic Brief, Jigawa State University shall have made significant progress in establishing faculties, department and programmes that respond to the developmental goals of Jigawa State as well as satisfy the dreams of its staff and students. The academic development of Jigawa State University during the life span of this Academic Brief shall also be signified by the establishment of a School of Postgraduate Studies and the commencement of training at the highest levels of academic pursuit.

The story of Jigawa State University after the life span of this Academic Brief shall be that of a university operating professionally with well-grounded and well-entrenched academic faculties, departments and programmes. It is also envisaged that significant levels of Information and Communication Technological development shall be mirrored in the operations of Jigawa State University. Adequate human and materials resources as well as the good will and cooperation of Jigawa State Government and people and other stakeholders shall contribute towards the achievement of this high standing within a reasonably short period. It is expected that all the funding required by the university shall be provided by the Government of Jigawa State to keep pace with the expected speed of growth and development envisaged for the university.

CHAPTER TWO: UNIVERSITY IDENTITY

2.0 PREAMBLE

As one of the new States created in 1991, Jigawa State has made substantial progress in improving the delivery of education to its people at the primary and secondary school levels. This is reflected in the increasing number of qualified applicants from the State seeking admission into universities annually. With the limited spaces available for these applicants in the universities they traditionally apply to, the need for the establishment of Jigawa State University has become imperative. This yearning of the youth of the State for higher education aligns with the plans of the Government of Jigawa State for the development and rapid transformation of the State. As one of the few States in Nigeria without a State University, it is the wish and aspiration of the Government and people of Jigawa State to establish a university that shall herald new times and mark a turning point in the history of the State.

A distinctive factor that propels the trademark of an institution is its identity. A unique identity that conveys the intentions of the Proprietor and the importance of the establishment of Jigawa State University has been outlined to give it a sense of responsibility. Therefore, the identifying features of Jigawa State University reflect the wishes and aspirations of Jigawa State for social re-engineering and rapid technological advancement. The features as discussed in this chapter include the name, logo, motto, and colours of the university.

2.1 NAME OF THE UNIVERSITY

The name of the university is ‘Jigawa State University’ and the rationale behind the name is that it is a State-owned university that shall be run and operated by the Jigawa State Government and its people.

2.2 LOGO



The logo of Jigawa State University depicts an open book resting on a base in which the motto of the university is written. The open book is partially enclosed from the top by a double circle between which the name of the university is written. Inside the inner circle are some sand dunes, some date palm trees, and wetlands.

The open book symbolises knowledge, which Jigawa State University hopes to inculcate in its staff and students. The base symbolises firmness and roots, while the double circle symbolises a strong shield. These two elements represent the strength of the university as a fountain of knowledge and as a shield against ignorance. The sand dunes, date palms and wetlands represent the most distinctive features of Jigawa State; and together they symbolise the importance the university attaches to the agrarian nature of the State and its people as well as the its commitment to transform Jigawa State.

2.3 MOTTO

The motto of Jigawa State University is ‘Knowledge for Service’. The motto of the university provides the link between knowledge, technology, service and human progress and development. The motto connotes the notion that it is through knowledge, science, technology, and research that man has successfully developed and built modern society. For developing countries like Nigeria, the motto of the university connotes the notion that knowledge, science, technology and research hold the key for rapid social and economic transformation. At the individual level, the motto of the university connotes the notion that knowledge and service liberate the individual, offer him a meaningful life and livelihood and at the same time confer on him responsibility to society. For the university, its motto connotes the notion that it is the vehicle for the training of the required human resource that shall offer service for the growth and development of society.

2.4 UNIVERSITY COLOURS

The colour of Jigawa State University shall be golden brown, which symbolises the colour of the Jigawa soil. The soil represents agriculture, which is the main occupation of Jigawa people.

2.4.1 COLOURS OF FACULTY HOODS

The colours of the hoods of the various faculties of Jigawa State University shall be as follows:

- i. Faculty of Agriculture – green;
- ii. Faculty of Education – blue;
- iii. Faculty of Engineering – brown;
- iv. Faculty of Humanities – yellow;
- v. Faculty of Law – black;
- vi. Faculty of Management Sciences – pink;
- vii. Faculty of Medicine – red;
- viii. Faculty of Natural and Applied Sciences – orange;
- ix. Faculty of Pharmaceutical Sciences – purple; and
- x. Faculty of Social Sciences – white.

CHAPTER THREE: ORGANISATIONAL STRUCTURE

3.0 PREAMBLE

The overall administration and management of Jigawa State University shall be organised as provided for in the law establishing the university as passed by the Jigawa State House of Assembly. The Executive Governor of Jigawa State shall be the Visitor to the university. The major authorities for the overall administrative and academic control of the university shall be the Council and the Senate. The everyday administration of the university shall be supervised by the Vice-Chancellor, supported by other principal officers and senior managers. The authorities for the administration of the university and the key managers shall be as indicated below:

- i. Visitor;
- ii. Chancellor;
- iii. Pro-Chancellor and Chairman of the Council;
- iv. Council;
- v. Senate;
- vi. Congregation;
- vii. Convocation;
- viii. Faculties and Departments;
- ix. Vice-Chancellor;
- x. Deputy Vice-Chancellors;
- xi. Registrar;
- xii. Bursar;

- xiii. University Librarian;
- xiv. Director of Academic Planning;
- xv. Director of Physical Planning and Works;
- xvi. Director of Medical Services;
- xvii. Dean of Student Affairs; and
- xviii. Deans of Faculties and Heads of Departments.

3.1 VISITOR

The Visitor to Jigawa State University shall be the Executive Governor of Jigawa State being the Chief Executive Officer of the State. The Visitor shall ensure adequate financial base and support and the optimised performance and management of the university.

3.1.1 FUNCTIONS OF THE VISITOR

In order to discharge his responsibilities to Jigawa State University, the Visitor shall be expected to execute the following functions to:

- i. appointment the Chancellor, Pro-Chancellor, Council, and confirm the appointment of the Vice-Chancellor approved by the Council;
- ii. as often as the circumstance may require, not being less than once every five years, conduct a visitation of the university or direct that such a visitation be conducted by such persons as the Visitor may deem fit, and in respect of any of the affairs of the university. It shall be the duty of the bodies and persons comprising the university:

- a. make available to the Visitor and to any other persons conducting a visitation on behalf of the Visitor, such facilities and assistance as he or they may reasonably require for the purpose of a visitation; and
- b. give effect to any instruction consistent with the provisions of the university law, which may be given by the Visitor in consequence of a visitation;
- iii. provide final adjudication in cases of doubt or dispute regarding the meaning of any provisions of the university's law or statutes.

3.2 CHANCELLOR

The Chancellor of Jigawa State University shall be head of the university appointed by the Visitor. The Chancellor as the number one officer of the university shall be selected carefully and shall be a knowledgeable, greatly inspiring and renowned personality in Jigawa State. The Chancellor shall reflect the character of the university and be its ambassador.

The Chancellor shall hold office for five years from the date of his appointment, or until his resignation, whichever be the shorter, and shall be eligible for reappointment. The Chancellor shall, in relation to the university, take precedence before all other members of the university, and when he is present shall preside at all meetings of convocation held for the conferment of degrees.

3.2.1 FUNCTIONS OF THE CHANCELLOR

The Chancellor shall, in relation to the university take precedence before all other members of the university, and when he is present shall preside at all meetings of Convocation held for degrees. The functions of the Chancellor of Jigawa State University shall also include to: receive annual briefs and situation reports on developments in the university; and confirm all proposals for conferment of honorary degrees.

3.3 PRO-CHANCELLOR AND CHAIRMAN OF COUNCIL

Jigawa State University shall have a Pro-Chancellor who shall be appointed in accordance with statute and shall, in relation to the university, take precedence before all other members of the university except the Chancellor and except the Vice-Chancellor when acting as Chairman of Congregation or Convocation.

The Visitor shall appoint a person, whether already a member of the Council or not, to be Chairman of the Council who shall hold office for a period of four years, but may be reappointed for a further period of four years.

3.3.1 FUNCTIONS OF THE PRO-CHANCELLOR

The functions of the Pro-Chancellor of the university shall include to:

- i. chair the meetings of the Council when present; and
- ii. act on behalf of the Council as may become necessary.

3.4 COUNCIL

Jigawa State University shall have a Council, which shall be the governing body of the university with powers to manage all matters not otherwise provided for by or under the university's law. The Council shall supervise and control the university's policies, property and finances. Membership of the university's Council shall be as provided in the university law as follows:

- i. Pro-Chancellor and Chairman;
- ii. Vice-Chancellor;
- iii. Deputy Vice-Chancellor(s);
- iv. two members elected by Senate from among members of that body;
- v. one member elected by the Congregation from among members of that body;
- vi. one member elected by Jigawa State University Alumni Association from among members of that body;
- vii. three members representing a variety of interests appointed by the Visitor;
- viii. the Commissioner or Chief Executive in charge of Higher Education; and
- ix. Permanent Secretary of the Ministry of Finance.

3.4.1 FUNCTIONS OF THE COUNCIL

The functions of Jigawa State University Council are based on the powers conferred on it by the university law and include to:

- i. participate in the making, amendment or revocation of the statutes of the university in accordance with the provisions of the law;
- ii. govern, manage, and regulate the finances, account, investment, property, business and all affairs whatsoever of the university, and for that purpose to appoint bankers and any other officers or agents whom it deems expedient to appoint and cause proper books of accounts to be kept for all sums of monies received and expended by the university and for the assets and liabilities of the university so that such books give true and fair view of the state of the affairs of the university and explain its transaction; cause annual report published by the university together with certified copies of the said accounts as audited;
- iii. borrow money on behalf of the university;
- iv. invest any money belonging to the university;
- v. sell, buy, exchange, lease or accept lease of any real or personal property on behalf of the university;
- vi. provide the buildings, libraries, laboratories, premises, furniture, apparatus and other equipment needed to carry out the work of the university;
- vii. enter into, vary, perform and cancel contracts on behalf of the university;
- viii. facilitate other institutions or branches or department thereof and to recognise selected members thereof as teachers of the university, and to admit the members therefore to any of the privileges of the university and to accept attendance at courses of study in such institutions, branches or departments thereof in place of such past attendance of course of study in the university and upon such terms and conditions and subjects to such regulations as may from time to time be determined by the university;

- ix. enter into agreement for the incorporation in the university of any other institutions and for taking over its rights, property and liabilities and for any other purpose not repugnant to the university law;
- x. save as otherwise provided, to appoint all members of academic staff, the Bursar, the Registrar and the University Librarian on the recommendation of the appropriate Appointment and Promotions Committee, on such terms as the Council may determine;
- xi. appoint all members of staff other than those for whom specific method of appointment is otherwise provided;
- xii. provide for the welfare of all persons employed by the university and the wives, widows and dependents of such persons including the payment of money, pensions or other payments and to subscribe to benevolent and other funds for the benefits of such persons;
- xiii. call for reports from the Senate on any matter relating to other instructions and teaching in the university;
- xiv. encourage and make provisions for research within the university; and
- xv. exercise all such powers as are or may be conferred on the Council by the university law or statutes and to carry the law and the statutes into effect.

The Council is further empowered by the third schedule of the university law to:

- i. provide for the printing and publication of research and other works which may be issued by the university;

- ii. take into consideration, and, if the Council deems it proper so to do, to give effect to reports from the Senate on those matters upon which the Senate is authorised or required by statute or the law to make reports;
- iii. select a seal, arms and mace for the university, and to have the sole use and custody of the seal, and
- iv. do all such acts, or things, that are incidental to the foregoing powers, as may advance the objects of university.

3.4.2 COMMITTEES OF THE COUNCIL

The Council of Jigawa State University may appoint such committee as it thinks fit, and may delegate to any such committee any powers or function which it is itself competent to perform. The Council may also establish joint committee of the Council and the Senate to which the Council may appoint members of the Council and Senate. The Council may delegate to any such joint committee any powers or functions which it is itself competent to perform. To aid the conduct of its statutory functions, the Council of Jigawa State University shall appoint the following committees:

- i. Appointments and Promotion Committee;
- ii. Finance and General Purposes Committee;
- iii. Tenders Board;
- iv. Disciplinary Committee; and
- v. Honourary Degrees Committee.

3.4.2.1 Appointments and Promotion Committee

Terms of Reference:

Unless otherwise decided by Council, the terms of reference of the Appointments and Promotion Committee shall be to:

- i. interview and/or recommend to Council the appointment, confirmation of appointment and promotion of all administrative and professional staff other than those for whom specific method of appointment is otherwise provided;
- ii. interview and/or recommend to Council the appointment of all academic staff including academic library staff provided that fresh appointment to posts of reader and professor shall be based on external assessment arranged by the Vice-Chancellor;
- iii. recommend to Council the approval of confirmation and promotion of appointments of all academic staff; and
- iv. act on behalf of the Council in accordance with any powers delegated to it by Council.

Membership:

Chairman: Pro-Chancellor

Members: Vice-Chancellor, the Deputy Vice-Chancellors, two members of the Council not being members of the Senate, appointed by the Council, two members of the professoriate appointed by the Senate, Directors, Deans or Principals concerned

Secretary: Registrar

3.4.2.2 Finance and General Purposes Committee

Terms of Reference:

The terms of reference of the Finance and General Purposes Committee as provided for in the university law shall be to:

- i. authorise the collection and receipt of all dues for the university;
- ii. supervise the collection and receipt of all debts, and monies due to the university;
- iii. direct the deposit and investment of all donations, subscription and other monies paid to the university;
- iv. shall cause proper accounts to be kept and audited;
- v. deal with any urgently requiring decision during the intervals between meetings of the Council and report any such decision to the Council at its next meeting;
- vi. examine draft annual estimates of revenue and expenditure of the university and make recommendations to the Council;
- vii. consider and make recommendations to the Council on proposals for capital expenditure;
- viii. make recommendations to the Council concerning the conditions of employments of the staff of the university;
- ix. make recommendations to the Council concerning fees and other monies payable to the university; and
- x. perform such other duties as the Council may delegate it.

Membership:

Chairman: Pro-Chancellor

Members: Vice-Chancellor and 6 other members of Council elected by the Council of whom at least two shall be members of academic staff

Secretary: Registrar

3.4.2.3 Tenders Board

Terms of Reference:

Unless otherwise decided by Council, the terms of reference of the Tenders Board shall be to:

- i. recommend to the Council the procedure to be adopted for the registration of contractors and for tendering for contracts; and
- ii. authorise the award of the contracts above N700,000.00.

Membership:

Unless otherwise decided by Council, membership of the Tenders Board shall comprise of:

Chairman: Pro-Chancellor

Members Vice-Chancellor, Deputy Vice-Chancellors, Permanent Secretary of the Ministry of Finance, 4 other members of Council elected by Council including 2 who are members of academic staff, and Representative of the National Universities Commission

Secretary: Registrar

3.4.2.4 Disciplinary Committee

Terms of Reference:

Unless otherwise decided by Council, the terms of reference of the Disciplinary Committee, which shall be a joint Council and Senate committee, shall be to:

- i. consider and approve disciplinary action taken against any staff by the university management; and
- ii. examine and advise the Council on any appeal by any staff against the termination of his appointment or other disciplinary action taken by the university management.

Membership:

Unless otherwise decided by Council, membership of the Disciplinary Committee shall comprise of:

Chairman: Council Member other than Vice-Chancellor elected by Council

Members: Vice-Chancellor, 3 members of Council, and 3 members of Senate appointed for a term of 2 years.

Secretary: Registrar

3.4.2.4 Honourary Degrees Committee

Terms of Reference:

Unless otherwise decided by Council, the terms of reference of the Honourary Degrees Committee, which shall be a joint Council and Senate committee, shall be to:

- i. recommend to Council the procedure and criteria for the conferment of honorary degrees, honorary fellowships or the title of Professor Emeritus; and
- ii. consider nominations for honorary degrees, honorary fellowships, Professor Emeritus, etc. and make recommendation to the Council.

Membership:

Unless otherwise decided by Council, membership of the Honorary Degrees Committee shall comprise of:

- Chairman: Council Member other than Vice-Chancellor elected by Council
- Members: Vice-Chancellor, Deputy Vice-Chancellors, 2 members of Council and 4 members of Senate appointed for a term of 2 years
- Secretary: Registrar

3.5 SENATE

Jigawa State University shall have a Senate, which shall be the highest university authority to exercise control over matters relating to the academic activities of the university such as teaching, research, admissions, discipline of students, etc. The Senate shall have responsibility to establish and organise campuses, faculties, departments, institutes and other teaching and research components of the university. The Senate of Jigawa State University shall have the following membership:

- i. Vice-Chancellor (Chairman);
- ii. Deputy Vice-Chancellors;
- iii. all deans of faculties, Postgraduate School and Students Affairs;
- iv. all Professors;
- v. directors of the various institutes, colleges and centres not below the ranks of Senior Lecturer;
- vi. University Librarian;
- vii. heads of the academic departments; and
- viii. such lecturers usually not below the rank of Senior Lecturer, elected by Congregation as may be determined by Council.

3.5.1 FUNCTIONS OF THE SENATE

The functions of the Senate of Jigawa State University as provided for in the university law include to:

- i. direct and regulate the admission of students and the teaching and instruction within the university and the examinations held by the university; provided that in the case of examinations for university degrees the Senate shall appoint internal and external examiners of high academic standing for every subject or group of subjects forming the part of the course of studies for such degrees;
- ii. promote research within the university;
- iii. confer degrees (other than honorary degrees), diplomas, certificates, licentiateship and other distinctions;

- iv. make, after receiving a report from the faculties concerned, all regulations for giving effect to the Statutes and of the university relating to courses of study and examinations;
- v. report to Council on all statutes and or proposed changes thereof; and
- vi. exercise and perform such other powers and duties as may be conferred or imposed upon the Senate by the statutes.

The Senate is further empowered by the fourth schedule of the university law to:

- i. appoint two members of the Senate to be members of Council;
- ii. regulate, subject to the law of the university, the admission of persons to courses of study of the university and their continuous stay at such courses;
- iii. appoint external and internal examiners on the recommendations of the Faculty Board concerned;
- iv. report to the Council on any academic matters;
- v. discuss any matter relating to the university and to report its views to Council;
- vi. report to Council on any matter referred to it by Council;
- vii. formulate, modify or revise schemes of the organisation of faculties and departments in relation to their respective subjects, also to make recommendations to Council on the expediency of the establishment at any time of faculties and departments; or as to the expediency of the abolishing, combination or sub-division of any faculties or departments;
- viii. make regulations governing the conditions of the award of diplomas by any faculty, institute or other unit of the university;
- ix. appoint such committee as it thinks fit, and

- x. delegate to any committee appointed or to any Faculty Board or other board any powers which the Senate is competent to perform, other than the power to approve statutes or to confer degrees.

3.5.2 COMMITTEES OF THE SENATE

Jigawa State University Senate may appoint such committee as it deems fit, and may delegate to any such committee any powers or function which it is itself competent to perform. To aid the conduct of its statutory functions, the Senate of Jigawa State University shall, unless otherwise decided by it, appoint the following committees:

- i. Admissions Committee;
- ii. Board of Postgraduate School;
- iii. Business Committee;
- iv. Committee of Deans and Directors;
- v. Committee on Industrial Attachments;
- vi. Computing Facilities Committee;
- vii. Estimates Committee;
- viii. Examinations Committee;
- ix. Library Committee;
- x. Planning Committee;
- xi. Publications Committee;
- xii. Students Welfare Committee; and
- xiii. University Research Grants Committee;

3.5.2.1 Admissions Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Admission Committee shall be to:

- i. develop guidelines for admission and registration of students;
- ii. allocate students' admission quotas to programmes in relation to the approved academic development plan outlined in this academic brief; and
- iii. recommend the students to be admitted into the university.

Membership:

Unless otherwise decided by Senate, membership of the Admissions Committee shall comprise of:

Chairman: Vice-Chancellor

Members: Deputy Vice-Chancellors, Deans of faculties, 1 member appointed by each faculty annually, all Heads of academic departments, and University Representative on JAMB

Secretary: Registrar

3.5.2.2 Board of Postgraduate School

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Board of Postgraduate School shall be to:

- i. manage postgraduate programmes and to make recommendations on planning, administration and students admission;
- ii. ensure adequate provision of facilities for postgraduate work, and the disbursement of funds allocated for running the school;
- iii. control the quality of postgraduate teaching, research and publication in the university;
- iv. scrutinise and evaluate the progress of all postgraduate students and submit report to Senate; and
- v. liaise with public and private sectors and other agencies and stakeholders to expose the postgraduate programmes of the university.

Membership:

Unless otherwise decided by Senate, membership of the Board of Postgraduate School shall comprise of:

Chairman: Dean of School of Postgraduate Studies

Members: Deans of faculties, Heads of academic departments, Directors of organised research units, University Librarian, and 2 members, not below the rank of Senior Lecturer, appointed by each faculty annually

Secretary: Secretary to School of Postgraduate Studies

3.5.2.3 Business Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Business Committee shall be to:

- i. draw up agenda for meetings of Senate; and
- ii. scrutinise and correct draft minutes of Senate meetings before distribution.

Membership:

Unless otherwise decided by Senate, membership of the Business Committee shall comprise of:

Chairman: Senate member elected by Senate for a term of 2 years

Members: 3 members of Senate elected by Senate for a term of 2 years

Secretary: Registrar

3.5.2.4 Committee of Deans and Directors

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Committee of Deans and Directors shall be to:

- i. streamline the management all faculties of the university:
- ii. control the conduct of research and academic activities of the university and to consider and recommend new departments and programmes to be established; and
- iii. submit requirements for annual recurrent expenditures of faculties.

Membership:

Unless otherwise decided by Senate, membership of the Committee of Deans and Directors shall comprise of:

Chairman: Vice-Chancellor

Members: Deputy Vice-Chancellors, Deans of faculties, Directors of academic units

Secretary: Registrar

3.5.2.5 Committee on Industrial Attachments

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Committee on Industrial Attachments shall be to:

- i. develop university policies and procedures for student industrial attachment;
- ii. collate, scrutinise, and approve proposals from faculties on students industrial attachment; and
- iii. ensure that the procedures of faculties on students industrial attachments conform to established policies and procedures.

Membership:

Unless otherwise decided by Senate, membership of the Committee on Industrial Attachments shall comprise of:

- Chairman: A member of Senate elected Senate for a term of 2 years
- Members: 2 members of Senate elected for a term of 2 years, 1 members each appointed by each faculty for a term of 2 years
- Secretary: Registrar or his representative

3.5.2.6 Computing Facilities Committee**Terms of Reference:**

Unless otherwise decided by Senate, the terms of reference of the Computing Facilities Committee shall be to:

- i. develop policies, guidelines and procedures for the development, deployment and operations of computing facilities in the university; and
- iii. coordinate the activities of the Information Technology Centre.

Membership:

Unless otherwise decided by Senate, membership of the Computing Facilities Committee shall comprise of:

Chairman:	A Senate member elected by Senate for a term of 2 years
Members:	2 members of Senate elected for a term of 2 years, 2 members appointed by each faculty for a term of 2 year, and Director, Information Technology Centre
Secretary:	Registrar of his representative

3.5.2.7 Estimates Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Estimates Committee shall be to:

- i. collate, analyse and submit annual recurrent estimates for all units of the university to the Finance and General Purposes Committee;
- ii. coordinate all other matters relating to recurrent expenditures; and
- iii. allocate funds to units for works, facilities, equipment, furniture, vehicles, and laboratory and workshop equipment.

Membership:

Unless otherwise decided by Senate, membership of the Estimates Committee shall comprise of:

Chairman:	Vice-Chancellor
Members:	Deputy Vice- Chancellors, Registrar, Deans of faculties, University Bursar, University Librarian, and 3 members of Senate elected by Senate for a term of 2 years, Directors of academic units
Secretary:	Registrar’s representative

3.5.2.8 Examinations Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Examinations Committee shall be to:

- i. develop regulations for the conduct of university examinations;
- ii. consider, investigate and report on examinations, examination malpractices and make recommendations to Senate; and
- iii. periodically review regulations for the conduct of university examinations.

Membership:

Unless otherwise decided by Senate, membership of the Examinations Committee shall comprise of:

Chairman:	Senate member elected by Senate for a term of 2 years
Members:	1 member appointed by each faculty for a term of two years
Secretary:	Registrar or his representative

3.5.2.9 Library Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Library Committee shall be to:

- i. develop guidelines for the use of the University Library;
- ii. development of university library policy and services on the improvement of facilities for teaching and research;
- iii. establish and approve charges for special library services;
- iv. collate and analyse the library's annual estimates and allocate funds for the purchase of books, journals, library materials, additional buildings and services, and other matters relating to the development of the library; and
- iv. review the University Librarian's annual reports.

Membership:

Unless otherwise decided by Senate, membership of the Library Committee shall comprise of:

Chairman: Vice-Chancellor

Members: Deputy Vice-Chancellors, Registrar, University Librarian, 3 members of Senate elected for a term of 2 years, 2 members elected by Congregation for a term of 2 years, 4 student's union executive members appointed for a term of 2 years

Secretary: Registrar's Representative

3.5.2.10 Planning Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Planning Committee shall be to:

- i. recommend to Senate plans for academic development of the university and the establishment of new programmes of studies;
- ii. recommend to Finance and General Purposes Committee physical development plans and capital estimates; and
- iii. examine the design, costing, citing and other matters related to development projects and make recommendations to the Finance and General Purposes Committee.

Membership:

Unless otherwise decided by Senate, membership of the Planning Committee shall comprise of:

Chairman: Vice-Chancellor

Members: Deputy Vice-Chancellors, Deans of faculties, University Librarian, Director, School of General and Preliminary Studies, 3 members of Senate elected for a term of 2 years, and 1 member appointed by each faculty annually

Secretary: Registrar

3.5.3.11 Publications Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Publications Committee shall be to:

- i. direct and control all aspects of the university's publications;
- ii. select, approve and recommend documents for publication in the name of the university; and
- iii. prepare and submit university's annual report.

Membership:

Unless otherwise decided by Senate, membership of the Publications Committee shall comprise of:

Chairman: Senate member elected by Senate for a term of 2 years

Members: Registrar, University Librarian, 2 members of Senate, 1 representative from each faculty, Director, ITC, Directors of academic units

Secretary: Registrar's representative

3.5.2.12 Students Welfare Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the Students Welfare Committee shall be to:

- i. provide for a for consultations with students; and
- ii. develop guidelines on students' accommodation, sport amenities, union matters, publications, conduct of conduct, counseling, and other non-academic matters.

Membership:

Unless otherwise decided by Senate, membership of the Students Welfare Committee shall comprise of:

Chairman: Vice-Chancellor

Members: 3 Senate members elected by Senate, University Coach, Dean Students Affairs, President and Director of Sports of the Students' Union, 3 other student representatives appointed annually by the student union executive, Director, University Health Centre, Registrar, Bursar, University Librarian

Secretary: Registrar's representative

3.5.2.13 University Research Grants Committee

Terms of Reference:

Unless otherwise decided by Senate, the terms of reference of the University Research Grants Committee shall be to:

- i. develop the research policy of the university and advise Senate on the conduct and advancement of research;

- ii. make grants to staff and students from the university's research funds;
- iii. liaise with government, industry, and other stakeholders on the research sponsorship;
and
- iv. prepare and publish periodical reports on research conducted at the university and report same to Senate regularly for publication.

Membership:

Unless otherwise decided by Senate, membership of the University Research Grants Committee shall comprise of:

Chairman: Deputy Vice-Chancellor (Academic)

Members: Deputy Vice-Chancellor (Administration), Directors of organised research units, 2 members of Senate elected for a term of 2 years, and 2 members appointed by each faculty annually

Secretary: Registrar's representative

3.6 CONGREGATION

The Congregation shall be one of the statutory organs of Jigawa State University, and shall provide its members with opportunity to meet and discuss all matters affecting their interest and welfare and that of the university. The Vice-Chancellor shall be the chairman of the Congregation while the Registrar shall be its Secretary. The Registrar, as Secretary to Congregation, shall keep a register in which shall be entered the names of all members of Congregation. The Congregation shall be made up of the following members:

- i. Vice-Chancellor and Deputy Vice-Chancellors;
- ii. all the senior staff of the University who hold a degree or its equivalent from a recognised university; and
- iii. Registrar.

3.6.1 FUNCTIONS OF THE CONGREGATION

The functions of the Congregation of the university shall include to:

- i. provide a forum for the discussion of any matter whatsoever affecting the overall wellbeing of the university and to make recommendations from time to time to the Council or the Senate on such of these as it thinks fit;
- ii. receive information from time to time as to the state of the university from the Vice-Chancellor or such other persons as he may nominate; and
- iii. nominate or elect members of the Council and the Senate as prescribed by the statutes.

3.7 CONVOCATION

The Convocation shall be one of the statutory organs of the Jigawa Stated University and shall serve as a forum for interaction between the university and its alumni. The Vice-Chancellor shall be the chairman of the Convocation while the Registrar shall be its Secretary. The Convocation shall be made up of the following members:

- i. Chancellor;
- ii. Pro-Chancellor and Chairman of Council;
- iii. Vice-Chancellor;
- iv. Deputy Vice-Chancellors;
- v. Registrar;
- vi. Bursar;
- vii. University Librarian;
- viii. All lecturers within the meaning of the law; and
- ix. All other person who:
 - a. is either a graduate of the university or a person satisfying such requirements as may be prescribed for registration as a member of Convocation; and
 - b. applies for the registration of his name in the prescribed manner and pays the prescribed fees.

3.7.1 FUNCTIONS OF THE CONVOCATION

The functions of the Convocation of the university, unless otherwise defined by statutes, shall include to:

- i. encourage a strong alumni association for the university and to select Convocation representatives to Council;
- ii. maintain and continuously update a register of members its members; and
- iii. provide a forum for harnessing external support for the through the alumni.

3.8 FACULTIES AND DEPARTMENTS

A well planned, well-coordinated and carefully integrated faculty administration system shall be implemented by Jigawa State University. A faculty shall be established as stipulated in the university law and statutes as the locus for teaching, research and community services in an academic discipline prescribed for it by the Senate. Each faculty shall comprise of related departments representing the branches of the academic discipline of the faculty. Academic programmes shall be located in departments, which shall ensure that students are taught and examined as provided for in the approved minimum standards. All faculties of Jigawa State University shall have a Faculty Board. The Vice-Chancellor shall be a member of every Faculty Board and the composition of each Faculty Board shall be determined by statutes, which may include provision for membership to any Faculty Board or persons who are none of the academic staff but are specially qualified to assist in the work of the Faculty Board. The Faculty Board, in respect of each faculty shall consist of the following members:

- i. Vice-Chancellor;
- ii. Dean of the faculty;
- iii. Heads, whether substantive or acting Head of Departments in the faculty;
- iv. such other members of the academic staff holding permanent teaching or research post and being members of that Faculty as Senate may from time to time determine;
and
- v. such other persons whether members of the faculty or not as Senate may, from time to time, on the recommendation of the Faculty Board, determine.

The Board of a faculty may appoint such committees as it deem fit, and may delegate to any committee all or any of its powers, except the power of nominating the Dean. The Faculty Board shall report the appointment of any committee to Senate.

3.8.1 FUNCTIONS OF THE FACULTY BOARD

The functions of the Faculty Board shall include to:

- i. subject to the provisions of the university law and statutes and subject also to the direction of Senate, regulate the teaching and study of, and the conduct of examinations connected with the subjects assigned to such faculty;
- ii. deal with any other matter referred to it by the Senate;
- iii. deliberate on any matter affecting the work of the faculty, and may report to the Senate thereon;
- iv. regulate, subject to review by the Senate, the teaching and study of subjects in the faculty;
- v. constitute Boards of studies for separate subjects or groups of subjects;
- vi. consider the progress of students in the Faculty and to report to the Senate thereon;
- vii. recommend to the Senate examiners for appointment;
- viii. make recommendations to the Senate on regulations dealing with syllabuses, courses of study and examination for degrees, diplomas, certificates and other distinctions in the faculty, or with any other matter relating to the work of the faculty;
- ix. make recommendation to Senate for the award of degrees (other than honorary degrees), diplomas, certificates and other distinctions in the faculty; and

- x. consider matters relating to the faculty and to report thereon to the Senate, and to deal with any matters referred or delegated to it by the Senate.

3.9 VICE-CHANCELLOR

Jigawa State University shall have a Vice-Chancellor who shall be the chief executive and academic officer of the university and shall be the ex-officio Chairman of the Senate. The Vice-Chancellor shall be appointed by the Visitor after considering the advice of a committee composed of the Chairman of Council as Chairman, four members of Council appointed by the Council and four members of Senate appointed by the Senate after the procedure defined in the second schedule of the university law had been followed. The Vice-Chancellor shall be a member of the Council and shall be responsible to it for managing the affairs of the university.

3.9.1 FUNCTIONS OF THE VICE-CHANCELLOR

The functions of the Vice-Chancellor of the university shall be to:

- i. advise the Council in any matter affecting the policy, finance and administration of the university;
- ii. be responsible to Council for maintaining the efficiency and good order of the university and for ensuring the proper enforcement of the statutes and regulations;
- iii. be responsible for discipline in the university and in this behalf may make rules which shall be submitted by him to Council at its next meeting and shall thereupon deemed to be ratified unless the contrary is shown;

- iv. refuse to admit any person as a student where such a person does not meet the standard set by the university;
- v. act on behalf of the Chancellor at any function at which degrees of the university are conferred;
- vi. be in charge of the execution of all projects and the rehabilitation and maintenance of facilities;
- vii. ensure effective and smooth handling of staff and students unions' matters and public relations;
- viii. ensure smooth working relationship with the Council, National Universities Commission and the Jigawa State Ministry of Higher Education;
- ix. ensure that students' matters are smoothly and orderly managed;
- x. ensure that the welfare of staff and students is well provided for;
- xi. ensure the effective and faithful implementation of the academic and physical plans of the university;
- xii. ensure the preparation of contract documents based on due process for the approval of Council;
- xiii. ensure the preparation of requisite documents for the meetings of the Council;
- xiv. explore and exploit all possible sources of revenue for the university in collaboration with the Bursar;
- xv. make provision for accommodation, office space and furnishing, transportation, Medical Services, and utilities (water, electricity, telecommunications, and recreational facilities), and general maintenance of the university community;
- xvi. manage the duties and responsibilities of the university's principal officers;
- xvii. submit for approval or ratification of the Council all staff disciplinary and promotion issues as considered by the relevant committees; and

- xviii. update Council on all key actions of university Senate and its committees.

3.10 DEPUTY VICE-CHANCELLORS

Jigawa State University shall have such number of Deputy Vice-Chancellors as the Council may decide. The offices of the Deputy Vice-Chancellors shall be established to assist the Vice-Chancellor with the execution of his functions. The Deputy Vice-Chancellors shall be appointed by Council based on the recommended of the Vice-Chancellor approved by the Senate. The tenure of office of the Deputy Vice-Chancellors shall be two years and can be renewed. A person who has held office as Deputy Vice-Chancellor for a continuous period of four years shall not be eligible for appointment as Deputy Vice-Chancellor during the two years immediately following the end of that period. The Deputy Vice-Chancellors shall be members of Council and Senate.

3.10.1 FUNCTIONS OF THE DEPUTY VICE-CHANCELLORS

The functions of the Deputy Vice-Chancellors of the university shall be to:

- i. assist the Vice-Chancellor in the performance of his functions;
- ii. act in the place of the Vice-Chancellor when the post of the Vice-Chancellor is vacant or if the Vice-Chancellor is, for any reason, absent or unable to perform his functions as Vice-Chancellor; and
- iii. perform such other functions as the Vice-Chancellor or the Council may, from time to time, assign to him.

3.11 REGISTRAR

Jigawa State University shall have a Registrar, who being the principal administrative officer of the university shall be responsible to the Vice-Chancellor for the everyday administrative control of the university. The Registrar shall be appointed by the Council for a fixed term of five years and would be eligible for reappointment for another term of five years and no more.

3.11.1 FUNCTIONS OF THE REGISTRAR

The functions of the Registrar of the university shall be to:

- i. keep in safe custody all records of the university;
- ii. arrange for the conduct of examination;
- iii. act as Secretary to and be responsible to the Vice-Chancellor for executive action arising from decisions of Council, Senate, Congregation, Convocation and such other bodies as the statutes may prescribe or the Vice-Chancellor may direct;
- iv. assist the Vice-Chancellor in the general administration of the university;
- v. ensure that university publications such as the university calendar, university prospectus, staff handbook, student handbook, university gazette, handbook on administrative procedures are updated and released regularly;
- vi. handle establishment matters for senior, junior, intermediate, academic, non-academic and technical staff;
- vii. liaise with the administrative unit heads and to network with staff and students unions in creating a conducive climate for the functioning of the university; and

- viii. organise, direct and coordinate the activities of the administrative components of the university.

3.12 BURSAR

Jigawa State University shall have a Bursar who shall be responsible to the Vice-Chancellor for the everyday financial control of the university. The Bursar shall be appointed in such manner as may be specified by statute and shall hold office for five years renewable for another five years.

3.12.1 FUNCTIONS OF THE BURSAR

The functions of the Bursar of the university shall be to:

- i. manage the university's investments;
- ii. advise Council, Vice-Chancellor, committees, deans, and other officers of the university on financial matters;
- iii. assess, develop and implement manual and computerised accounting and financial management systems and procedures as well as control systems;
- iv. direct the preparation of consolidated financial statements of the university;
- v. direct the preparation of periodic income and expenditure balance sheet and cash flow estimates of the university;
- vi. ensure that proper records of all assets of the university are maintained and that assets are properly guarded against theft, natural and other disasters, etc;

- vii. ensure the correct and timely preparation of financial statements and accounts of the university and their submission to the Vice-Chancellor, Council and committees;
- viii. ensure the execution of the annual audits of the university's accounts in an efficient and effective manner;
- ix. monitor and ensure the efficient and effective management of the fixed assets, working capital, receivables, and payables of the university;
- x. monitor capital expenditure on projects, make returns to relevant authorities and comply with due process and other financial regulations;
- xi. monitor the funds received from donors and other agencies to ensure that they are used for the specified projects and that required reports are submitted promptly;
- xii. negotiate on behalf of the university financial matters within his power with financial institutions and government;
- xiii. organise the evolution and updating of financial management plans of the university;
- xiv. scrutinise the university's monthly income and expenditure and balance sheet variances against approved spending plan;
- xv. supervise the activities of the business ventures to be established by the university;
and
- xvi. supervise the activities of the treasury including cash flow projections.

3.13 UNIVERSITY LIBRARIAN

Jigawa State University shall have a University Librarian, who as the principal librarian and academic head of the university library shall be responsible to the Vice-Chancellor for the orderly growth and development of the library. The University Librarian shall be appointed

in such manner as may be specified by statute and shall hold office for five years renewable for another five years.

3.13.1 FUNCTIONS OF THE UNIVERSITY LIBRARIAN

The functions of the University Librarian shall be to:

- i. allocate the approved funds of the library and give returns on utilisation;
- ii. collect and systematise adequate and relevant library materials;
- iii. ensure regular training and development of library professional and support staff;
- iv. ensure that library professional staff comply with the rules of the Librarian Registration Council;
- v. ensure that the library is digitised, computerised, networked, and integrated into national and international networks;
- vi. facilitate inter-library cooperation and provide access to the resources of other libraries;
- vii. generate revenue outside the allocation by the university;
- viii. organise the library's human resource functions;
- ix. prepare the budget of the library;
- x. procure and organise teaching and research materials from various publishing outfits based on the requirements of the faculties, departments and other units of the university;
- xi. procure stationery and other materials for library use;
- xii. provide bibliographic instructions to users;
- xiii. provide circulation and reprographic services to users of the library;

- xiv. provide current awareness services on new accessions through the library bulletin, accessions lists, displays, exhibits, etc;
- xv. provide incentives to staff to carry out research and to support the publication of the findings;
- xvi. provide information and reference services to users of the library;
- xvii. provide outreach and community services;
- xviii. provide users open access to library resources;
- xix. scrutinise library expenditure and keep it within budget; and
- xx. selectively disseminate information especially for research activities.

3.14 DIRECTOR OF ACADEMIC PLANNING

Jigawa State University shall have a Director of Academic Planning to be appointed by the Vice-Chancellor to oversee the functions of the Academic Planning Department. The Director shall be in responsible for harmonising and oragnising academic policies of the university in an advisory capacity to the Vice-Chancellor and other arms of the university.

3.14.1 FUNCTIONS OF THE DIRECTOR OF ACADEMIC PLANNING

The functions of the Director of Academic Planning shall be to:

- i. annually update, analyse and project population data for planning and preparation of the university's recurrent budget and resources allocation based on the approved budget;

- ii. assist in the development of new guidelines and criteria and the review of the existing ones;
- iii. collect data on trends in university activities such as enrolments, staffing, staff training, graduate output, etc. and make such data available for research;
- iv. collect, analyse and interpret relevant data from all university units;
- v. document and store information on all academic programmes;
- vi. ensure that the university complies to and maintains minimum academic standards;
- vii. make projections and advise the Vice-Chancellor on areas of major concern and vigilance;
- viii. organise the drafting and review of university academic brief;
- ix. participate in curricula review activities and to ensure compliance with guidelines and procedures for establishment of new programmes;
- x. provide data backed information on academic operations of the university;
- xi. publish university records, statistics, research reports, etc; and
- xii. regularly update and evaluate data from relevant university units to analyse the performance of the university.

3.15 DIRECTOR OF PHYSICAL PLANNING AND WORKS

Jigawa State University shall have a Director of Physical and Works appointed by the Vice-Chancellor to oversee the functions of the Physical Planning and Works Department of the university. The Director shall be responsible for coordinating the development and maintenance of physical facilities and implementation of the master plan.

3.15.1 FUNCTIONS OF THE DIRECTOR OF PHYSICAL PLANNING AND WORKS

The functions of the Director of Physical Planning and Works shall be to:

- i. acquire construction drawings and make them available to the Estate and Works Unit for study and use in maintenance;
- ii. arrange phasing plans and detailed requirements and programmes for consultation;
- iii. arrange the signing of contracts and with the fulfillment of all contract obligations to release site to the contractor;
- iv. assists in the selection of sites and secure same for proposed projects;
- v. coordinate permanent municipal services such as water, electricity, roads, etc;
- vi. ensure that interim certificates are timely issued reflecting the actual value of works/services performed and to ensure that certificates are paid in time to sustain confidence in the university;
- vii. inspect projects and cause all noticeable defects to be rectified;
- viii. interview, select and recommend consultants for appointment to appropriate committees of Council through the Vice-Chancellor;
- ix. issue project completion certificate at the end of maintenance/defect liability-period;
- x. liaise with the Academic Planning Department for space requirements and allocations for staff and students;
- xi. obtain designs and plans, study and discuss with consultants to ensure that briefs were adhered to and submissions conform to Standard Guide for Universities and space requirements;

- xii. organise the take-over of completed projects and report completion of projects to the appropriate Council committee through the Vice-Chancellor;
- xiii. prepare and acquire final designs, plans and cost estimates and to align priorities and examine all costs;
- xiv. prepare and maintain register of all university assets and infrastructure showing detailed information on each item;
- xv. prepare and maintain schedule of maintenance of university assets, infrastructures and installations;
- xvi. prepare capital budget estimates for consideration of the appropriate Council committee and after approval maintain a capital vote book for reconciliation with the Bursar;
- xvii. prepare comprehensive and thorough briefs for consultants;
- xviii. prepare contract documents, drawings and invites bids;
- xix. prepare detailed progress report on all physical development or works and maintenance services for the appropriate Council committee through the Vice-Chancellor;
- xx. prepare final memorandum containing cost implication, phased construction, location map, and user effects to the appropriate Council committee through the Vice-Chancellor for approval;
- xxi. provide furniture and equipment and organise and carry out inspection to ascertain project completion;
- xxii. scrutinise bids and send memo to the appropriate Council committee through the Vice-Chancellor; and
- xxiii. scrutinise existing infrastructure and prepare plans to incorporate them into a detailed physical plan for present and future use.

3.16 DIRECTOR OF MEDICAL SERVICES

Jigawa State University shall have a Director of Medical Services who shall be appointed by the Vice-Chancellor. The Director of Medical Services is to coordinate the university's Medical Centre which shall provide clinical services to staff and students. The Director shall liaise with other tertiary medical institutions in Jigawa State and the university's teaching hospital, when it comes on board.

3.16.1 FUNCTIONS OF THE DIRECTOR OF MEDICAL SERVICES

The functions of the Director of Medical Services of Jigawa State University shall include to:

- i. organise and ensure adequate healthy and sanitary environment in the university;
- ii. coordinate the services of the Medical Centre;
- iii. ensure the provision of basic medical services to staff and students of the university;
- iv. refer complex medical cases to tertiary health institutions in Jigawa State;
- v. guide the evolution of a dynamic and responsive university health policy on matters such as HIV/AIDS, STDs, etc;
- vi. oversee the various companies that supply medical facilities and drugs to the university's medical centre;
- vii. keep surveillance and advise the university community on possible outbreak of an epidemic on campus; and
- vi. advise the Vice-Chancellor on adequate medical facilities to be provided by the university to cater for staff and students.

3.17 DEAN OF STUDENT AFFAIRS

Jigawa State University shall have a Dean of Student Affairs who shall be appointed by the Vice-Chancellor. The Dean of Students Affairs shall coordinate Student Affairs Division. The Dean shall provide adequate support services for students in the university and shall also nurture an effective and efficient communication system between students and the university management.

3.17.1 FUNCTIONS OF THE DEAN OF STUDENT AFFAIRS

The functions of the Dean of Student Affairs of Jigawa State University shall be to:

- i. make sure that adequate student support services are provided for students;
- ii. develop an effective and efficient system of communication between university authority and students to forestall the breakdown of law and order;
- iii. ensure the emergence of a functional and effective students career centre, entrepreneurship centre and guidance counseling unit;
- iv. organise the development of adequate sporting and recreational facilities for staff and students on campus;
- v. in liaison with other relevant units, ensure the provision of adequate hostels for students and their maintenance;
- vi. make sure that water, power and other municipal supplies are adequate for students;
- vii. coordinate the provision of guidance and counseling services to students;

- viii. ensure the maintenance of decency on campus and the avoidance of unwholesome practices such as rape, sexual abuse, etc;
- ix. coordinate campus religious services;
- x. register students unions and other groups as well as liaise with their leaderships; and
- xi. coordinate campaigns targeted at students to ensure campus peace and overall development of students.

3.18 DEANS OF FACULTIES AND HEADS OF DEPARTMENTS

A Dean shall supervise the everyday activities of a faculty. The Board of each faculty shall, at a meeting in the second semester of any academic year in which the term of office of the Dean expires, elect one of its members, being a Professor or serving or former Head of Department, for appointment by the Senate as Dean of the faculty. The person so appointed shall act as Dean of the faculty and chairman of the Faculty Board. The Dean shall hold office for a period of two years and be eligible for re-election for another period of two years. If the office of Dean becomes vacant for any cause before the expiration of his period of office, the Board of the faculty shall elect one of its members, being a Professor or serving or former Head of Department, for appointment by the Senate as Dean of the faculty, who shall hold office during the unexpired portion of the office of his predecessor. If a Dean is absent from his duties, the Deputy Dean shall act for him as Dean.

A Head of Department shall supervise the everyday activities of a department in faculty, while the Faculty Board shall oversee the activities of all departments in a faculty. The Head of Department shall be a Senior Lecturer or Reader or Professor elected by all academic staff of the department. The Head of Departments shall hold office for a term of two years and

shall be eligible for reelection for another term of two years after which he may not be elected again until after two years have lapsed.

3.18.1 FUNCTIONS OF THE DEAN

The functions of the Dean of a faculty shall be to:

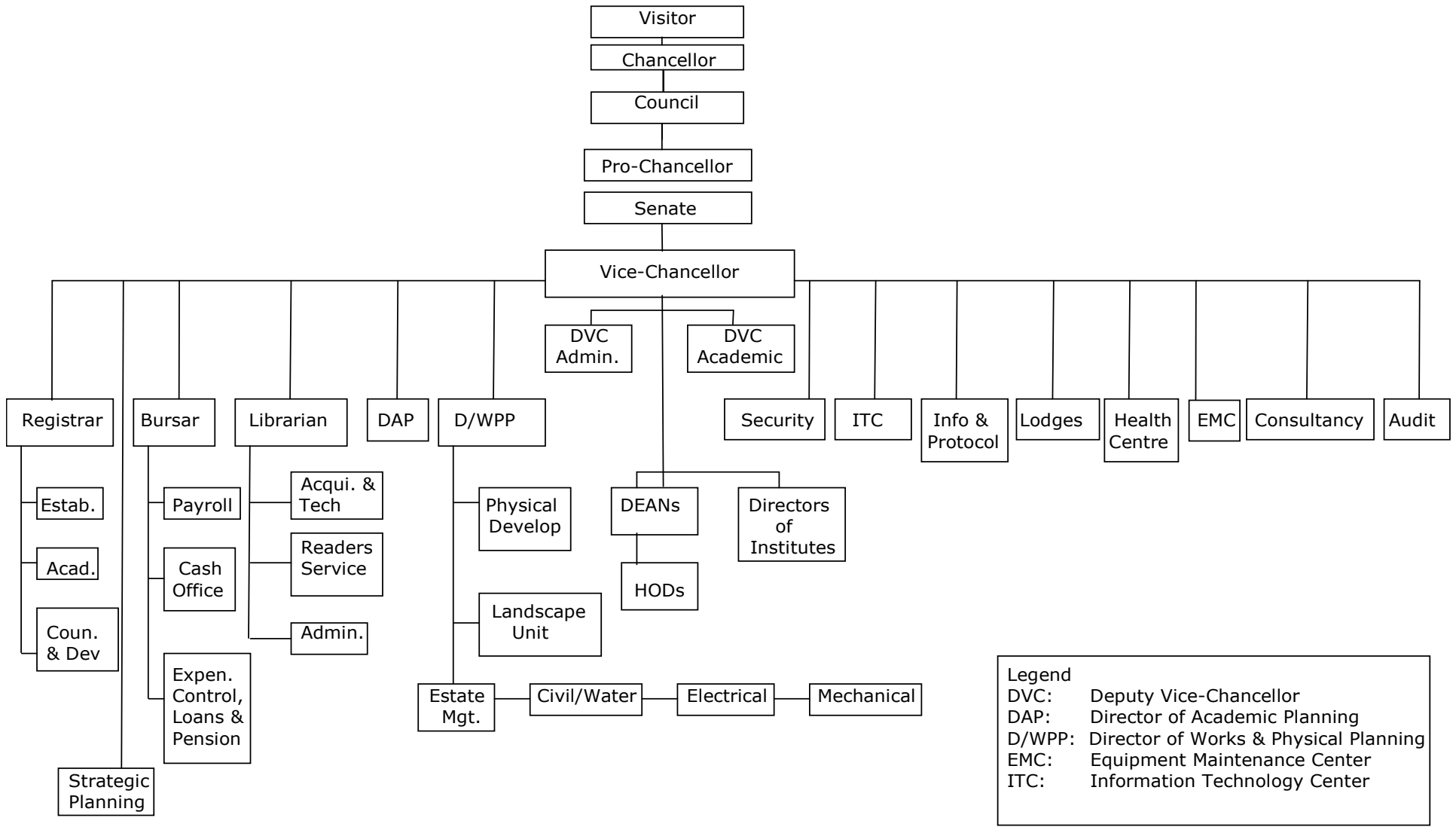
- i. oversee the faculty with the purpose of advancing its academic objectives, students wellbeing and public and alumni needs;
- ii. manage the academic and administrative affairs of all departments of the faculty;
- iii. manage the decisions of the Faculty Board and make recommendations to Senate on all regulations, courses, programmes and other academic matters of the faculty;
- iv. oversee all degree programmes and to ensure that they meet accreditation standards of all agencies; and
- v. provide academic leadership to all academic staff.

3.18.2 FUNCTIONS OF THE HEAD OF DEPARTMENT

The functions of the Head of Department shall be to:

- i. be responsible for the everyday administration of the academic affairs of the department;
- ii. guide and supervise teaching and research as well as community services;
- iii. manage departmental matters concerning annual reports and, preparation of annual estimates of both recurrent and capital; and

- iv. preserve academic standards, encourage research, book publishing and departmental book collections.



Legend
 DVC: Deputy Vice-Chancellor
 DAP: Director of Academic Planning
 D/WPP: Director of Works & Physical Planning
 EMC: Equipment Maintenance Center
 ITC: Information Technology Center

Figure 3.1: Organogram of Jigawa State University

CHAPTER FOUR: ACADEMIC PATTERN

4.0 PREAMBLE

The academic structure of Jigawa State University comprising its academic units and academic programmes shall be established in line with the Benchmark Minimum Academic Standards (BMAS) approved by the National Universities Commission (NUC). Jigawa State University shall be a conventional university and shall offer academic programmes in both Arts-based and Science-based disciplines. The academic programmes of Jigawa State University are carefully selected to address the mission, vision and objectives for establishing the university as well as the aspirations of the people and Government of Jigawa State to address the difficulties the State indigenes experience in gaining admission into Nigerian universities and the agitation for the establishment of a State University to accelerate the political, social and economic development of the State. Jigawa State University shall make sure that its academic programmes meet and in deed surpass the stipulations of the MAS approved by the NUC and it shall make excellence the hallmark of its academic activities. To guarantee this, the university shall ensure that adequate human and material resources are deployed before the takeoff of each academic unit and programme as well as take advantage of the use of modern Information and Communication Technology (ICT) in the delivery of quality academic programmes. At its full maturity, the expectation and the plan is for Jigawa State University to have excellent academic and research programmes.

4.1 PHASES OF ACADEMIC DEVELOPMENT

Jigawa State University shall run a faculty system for the development of its core academic structure. All academic programmes shall reside in academic departments and groups of related departments shall constitute the faculties. The departments and faculties shall have responsibility for academic and research programmes under their jurisdiction subject to the overall direction of Senate.

The academic structure of Jigawa State University shall be developed to ensure that adequate human and material resources are provided before the takeoff of each unit and programme. The objective is to have a phased development such that resources provided shall be prudently applied towards enhancing the quality of academic programmes. As a result of the need to structure the growth and development of the academic programmes of Jigawa State University, its faculties, departments and programmes shall be established in phases.

The development of the academic structure of Jigawa State University is structured over a 20-year period broken into four phases. At the end of the 20-year period it is expected that all faculties, departments and programmes of the university shall be established. All phases of the growth and development of the university shall be for a period of 5 years. The phases of growth and development of Jigawa State University shall be marked by the establishment of new faculties, departments and/or academic programmes. The academic programmes of the university shall commence at the undergraduate level and subsequently lead to postgraduate programmes upon meeting prescribed criteria. The phases of the development of Jigawa State University shall be as follows:

<u>Phase</u>	<u>Duration</u>	<u>Year</u>
Phase 1	5 years	Year 1 – Year 5
Phase 2	5 years	Year 6 – Year 10
Phase 3	5 years	Year 11 – Year 15
Phase 4	5 years	Year 16 – Year 20

4.2 FACULTIES, DEPARTMENTS AND PROGRAMMES

Jigawa State University shall at its full growth, after 20 years of establishment, have 10 faculties, 70 departments and 256 undergraduate and postgraduate programmes, and 2 schools. The university shall establish a School of Postgraduate Studies and a School of General and Preliminary Studies to cater to the requirements of postgraduate and remedial students respectively. The faculties and schools to be established by Jigawa State University at its full growth are as follows:

- i. Faculty of Agriculture;
- ii. Faculty of Education;
- iii. Faculty of Engineering;
- iv. Faculty of Humanities;
- v. Faculty of Law;
- vi. Faculty of Management Sciences;
- vii. Faculty of Medicine;
- viii. Faculty of Natural and Applied Sciences;
- ix. Faculty of Pharmaceutical Sciences;
- x. Faculty of Social Sciences;
- xi. School of General and Preliminary Studies; and
- xii. School of Postgraduate Studies.

The faculties and schools of Jigawa State University shall be established across the phases of its development as follows:

- Phase 1: Faculty of Humanities
 Faculty of Education
 Faculty of Management and Social Sciences
 Faculty of Medicine
 Faculty of Natural and Applied Sciences
 Faculty of Pharmaceutical Sciences
 School of General and Preliminary Studies
- Phase 2: Faculty of Agriculture
 Faculty of Law
 School of Postgraduate Studies
- Phase 3: Faculty of Engineering
 Faculty of Management Sciences (split from Phase 1)
 Faculty of Social Sciences (split from Phase 1)
- Phase 4: Consolidation of academic structure

4.2.1 PHASE 1: (YEAR 1 – YEAR 5)

Jigawa State University shall commence academic activities in the 2013/14 session with the establishment of 4 faculties, 15 departments and 20 undergraduate programmes. The faculties to be established at takeoff are: Faculty of Education, Faculty of Humanities, Faculty of Management and Social Sciences, and Faculty of Natural and Applied Sciences.

The School of General and Preliminary Studies shall be established at the takeoff of the university to mount remedial and preliminary programmes in Science and Arts. Also, the university shall establish a Faculty of Medicine and a Faculty of Pharmaceutical Sciences in the third year and fourth year of Phase 1 respectively. At the end of Phase 1 Jigawa State University shall have a School of General and Preliminary Studies with Remedial and Preliminary programmes in Arts and Science, 6 faculties, 36 departments, and 24 undergraduate programmes as follows:

i. Faculty of Humanities

Undergraduate Programmes

Department	Programme	Phase	Year
History and International Studies	B. A. History and International Studies	1	1
Languages	B. A. English	1	1
	B. A. Hausa	1	1
Islamic Studies	B. A. Islamic Studies	1	1

ii. Faculty of Education

Undergraduate Programmes

Department	Programme	Phase	Year
Education	B. Ed. Educational Management	1	1
	B. Ed. Primary Education	1	1
	B. Ed. Social Studies	1	1
Arts and Social Science Education	B. A. Ed. (Arabic, History and International Studies, English, Hausa, Islamic Studies)	1	1
	B. Sc. Ed. (Economics, Geography)	1	1
Science Education	B. Sc. Ed. (Biology, Chemistry, Computer Science, Mathematics, Physics)	1	1

iii. Faculty of Management and Social Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Accounting	B. Sc. Accounting	1	1
Management	B. Sc. Management	1	1
Administration	B. Sc. Human Resource Management and Public Relations	1	1

Economics	B. Sc. Economics	1	1
Geography	B. Sc. Geography	1	1

iv. Faculty of Natural and Applied Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Biological Sciences	B. Sc. Biology	1	1
Chemistry	B. Sc. Chemistry	1	1
Mathematics and Computer Science	B. Sc. Mathematics	1	1
	B. Sc. Computer Science	1	1
Physics	B. Sc. Physics	1	1

v. School of General and Preliminary Studies

Department	Programme	Phase	Year
Preliminary Unit	Preliminary Arts Programme	1	1
	Preliminary Science Programme	1	1
Remedial Unit	Remedial Arts Programme	1	1
	Remedial Science Programme	1	1

vi. Faculty of Medicine

Undergraduate Programmes

Department	Programme	Phase	Year
Anatomy	B. Sc. Anatomy, MBBS	1	3
Physiology	B. Sc. Physiology, MBBS	1	3
Anaesthesia and Intensive Care Medicine	MBBS	1	3
Haematology	MBBS	1	3
Immunology	MBBS	1	3
Medical Biochemistry and Clinical Chemistry	MBBS	1	3
Medical Laboratory Science	MBBS	1	3
Medicine	MBBS	1	3
Microbiology and Parasitology	MBBS	1	3
Obstetrics and Gynaecology	MBBS	1	3
Paediatrics	MBBS	1	3
Pathology and Forensic Medicine	MBBS	1	3
Pharmacology and Therapeutics	MBBS	1	3
Preventive and Community Medicine	MBBS	1	3
Psychiatry	MBBS	1	3
Radiology	MBBS	1	3
Surgery	MBBS	1	3

vii. Faculty of Pharmaceutical Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Pharmaceutics	B. Pharmacy	1	4
Pharmaceutical Technology			
Pharmacology and Toxicology			
Pharmacognosy			

4.2.2 PHASE 2: (YEAR 6 – YEAR 10)

Jigawa State University shall have, at the commencement of Phase 2 of its growth, made significant progress with the development of its academic structure. This shall be attested to by the fact that the university shall have graduated its first two sets of graduates. The Faculty of Agriculture and the Faculty of Law shall be established in this phase. The phase shall also be characterised by the split of the Department of Mathematics and Computer Science into the Department of Mathematics and the Department of Computer Science as well as the establishment of additional departments and programmes in existing faculties. The School of Postgraduate Studies shall also commence operations at the beginning of this phase and postgraduate programmes shall be established. As a rule, Jigawa State University shall establish postgraduate programmes: after the undergraduate programme has graduated its first two sets of students; after the undergraduate programme has attained full accreditation status from NUC and professional bodies, where relevant; and after at least 25% of all academic programmes of the university have full accreditation status. At the end of Phase 2, Jigawa State University shall have a School of General and Preliminary Studies with Remedial and Preliminary programmes in Arts and Science, 8 faculties, 58 departments, 50 undergraduate programmes, and 82 postgraduate programmes as follows:

i. Faculty of Humanities

Undergraduate Programmes

Department	Programme	Phase	Year
History and International Studies	B. A. History and International Studies	1	1
Languages	B. A. English	1	1
	B. A. Hausa	1	1
	B. A. Arabic	2	6
Islamic Studies	B. A. Islamic Studies	1	1

Postgraduate Programmes

Department	Programme	Phase	Year
History and International Studies	M. A., Ph. D. History and International Studies	2	6
Languages	M. A., Ph. D. English	2	6
	M. A., Ph. D. Hausa	2	6
Islamic Studies	M. A., Ph. D. Islamic Studies	2	6

ii. Faculty of Education

Undergraduate Programmes

Department	Programme	Phase	Year
Education	B. Ed. Educational Management	1	1
	B. Ed. Primary Education	1	1
	B. Ed. Social Studies	1	1
	B. Ed. Business Education	2	6
	B. Ed. Curriculum Studies	2	6
	B. Ed. Educational Administration and Planning	2	6
	B. Ed. Guidance and Counseling	2	6
Arts and Social Science Education	B. A. Ed. (Arabic, History and International Studies, English, Hausa, Islamic Studies)	1	1
	B. Sc. Ed. (Economics, Geography)	1	1
Science Education	B. Sc. Ed. (Biology, Chemistry, Computer Science, Mathematics, Physics)		1
Library and Information Science	B. Library and Information Science	2	6
Technical Education	B. Ed. Technology Education	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Education	PGDE	2	6
	M. Ed., Ph. D. Educational Management	2	6
	M. Ed., Ph. D. Primary Education	2	6
	M. Ed., Ph. D. Social Studies	2	6
Arts and Social Science Education	M. Ed., Ph. D. Language Art	2	6
Science Education	M. Ed., Ph. D. Science Education	2	6

iii. Faculty of Management and Social Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Accounting	B. Sc. Accounting	1	1
Management	B. Sc. Management	1	1
	B. Sc. Entrepreneurship Studies	2	6
Administration	B. Sc. Human Resource Management and Public Relations	1	1
Economics	B. Sc. Economics	1	1
Geography	B. Sc. Geography	1	1
Banking and Finance	B. Sc. Banking and Finance	2	6
Marketing	B. Sc. Marketing	2	6
Mass Communication	B. Sc. Mass Communication	2	6
Peace Studies and Conflict Resolution	B. Sc. Peace Studies and Conflict Resolution	2	6
Tourism Studies	B. Sc. Tourism Studies	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Accounting	PGD, M. Sc., Ph. D. Accounting	2	6
Management	PGDM, MBA, M. Sc., Ph. D. Management	2	6
Administration	PGD, M. Sc., Ph. D. Human Resource Management and Public Relations	2	6
Economics	M. Sc., Ph. D. Economics	2	6
Geography	M. Sc., Ph. D. Geography	2	6

iv. Faculty of Natural and Applied Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Biological Sciences	B. Sc. Biology	1	1
	B. Sc. Biotechnology	2	6
Chemistry	B. Sc. Chemistry	1	1

Computer Science	B. Sc. Computer Science	1	1
	B. Sc. Information Science	2	6
	B. Sc. Management Information System	2	6
	B. Sc. Software Development	2	6
Mathematics	B. Sc. Mathematics	1	1
Physics	B. Sc. Physics	1	1
Biochemistry	B. Sc. Biochemistry	2	6
Microbiology	B. Sc. Microbiology	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Biological Sciences	M. Sc., Ph. D. Biology	2	6
Chemistry	M. Sc., Ph. D. Chemistry	2	6
Computer Science	PGD, M. Sc., Ph. D. Computer Science	2	6
Mathematics	M. Sc., Ph. D. Mathematics	2	6
Physics	M. Sc., Ph. D. Physics	2	6

v. School of General and Preliminary Studies

Department	Programme	Phase	Year
Preliminary Unit	Preliminary Arts Programme	1	1
	Preliminary Science Programme	1	1
Remedial Unit	Remedial Arts Programme	1	1
	Remedial Science Programme	1	1

vi. Faculty of Medicine

Undergraduate Programmes

Department	Programme	Phase	Year
Anatomy	B. Sc. Anatomy, MBBS	1	3
Physiology	B. Sc. Physiology, MBBS	1	3
Anaesthesia and Intensive Care Medicine	MBBS	1	3
Haematology	MBBS	1	3
Immunology	MBBS	1	3
Medical Biochemistry and Clinical Chemistry	MBBS	1	3
Medical Laboratory Science	MBBS	1	3
Medicine	MBBS	1	3
Microbiology and Parasitology	MBBS	1	3
Obstetrics and Gynaecology	MBBS	1	3
Paediatrics	MBBS	1	3
Pathology and Forensic Medicine	MBBS	1	3
Pharmacology and Therapeutics	MBBS	1	3
Preventive and Community Medicine	MBBS	1	3
Psychiatry	MBBS	1	3
Radiology	MBBS	1	3
Surgery	MBBS	1	3
Nursing	B.N.Sc.	2	6
Physiotherapy	B. Sc. Physiotherapy	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Anatomy	M. Sc., Ph. D. Anatomy	2	8
Physiology	M. Sc., Ph. D. Physiology	2	8
Anaesthesia and Intensive Care Medicine	M. Sc., Ph. D.	2	10
Haematology	M. Sc., Ph. D.	2	10
Immunology	M. Sc., Ph. D.	2	10
Medical Biochemistry and Clinical Chemistry	M. Sc., Ph. D.	2	10
Medicine	M. Sc., Ph. D.	2	10
Microbiology and Parasitology	M. Sc., Ph. D.	2	10
Obstetrics and Gynaecology	M. Sc., Ph. D.	2	10
Paediatrics	M. Sc., Ph. D.	2	10
Pathology and Forensic Medicine	M. Sc., Ph. D.	2	10
Pharmacology and Therapeutics	M. Sc., Ph. D.	2	10
Preventive and Community Medicine	M. Sc., Ph. D.	2	10
Psychiatry	M. Sc., Ph. D.	2	10
Surgery	M. Sc., Ph. D.	2	10

vii. Faculty of Pharmaceutical Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Pharmaceutics	B. Pharmacy	1	4
Pharmaceutical Technology			
Pharmacology and Toxicology			
Pharmacognosy			

Postgraduate Programmes

Department	Programme	Phase	Year
Pharmaceutics	M. Sc., Ph. D.	2	10
Pharmaceutical Technology	M. Sc., Ph. D.	2	10
Pharmacology and Toxicology	M. Sc., Ph. D.	2	10
Pharmacognosy	M. Sc., Ph. D.	2	10

viii. Faculty of Agriculture

Undergraduate Programmes

Department	Programme	Phase	Year
Agricultural Economics and Extension Services	B. Agriculture	2	6
Agronomy			
Animal Science			
Soil Science			

Fisheries	B. Fisheries	2	6
Home Economics	B. Sc. Home Economics	2	6
Hospitality and Tourism Management	B. Sc. Hospitality and Tourism Management	2	6

ix. Faculty of Law

Undergraduate Programmes

Department	Programme	Phase	Year
Commercial Law	LL. B.	2	6
Public and Private Law			
Sharia'ah Law			

4.2.3 PHASE 3: (YEAR 11 – YEAR 15)

At the beginning of Phase 3 of the development of the academic structure of Jigawa State University it shall establish the Faculty of Engineering. In addition, new departments and programmes at the undergraduate and postgraduate levels shall be established in existing faculties. The phase shall witness further consolidation of faculties introduced in Phases 1 and 2 and the split of the Faculty of Management and Social Sciences into the Faculty of Management Sciences and the Faculty of Social Sciences. At the end of this phase, Jigawa State University shall have a School of General and Preliminary Studies with Remedial and Preliminary programmes in Arts and Science, 10 faculties, 70 departments, 68 undergraduate programmes, and 152 postgraduate programmes follows:

i. Faculty of Humanities

Undergraduate Programmes

Department	Programme	Phase	Year
History and International Studies	B. A. History and International Studies	1	1
Languages	B. A. English	1	1
	B. A. Hausa	1	1
	B. A. Arabic	2	6
	B. A. Fulfulde	3	11
	B. A. Kanuri	3	11
Islamic Studies	B. A. Islamic Studies	1	1

Postgraduate Programmes

Department	Programme	Phase	Year
History and International Studies	M. A., Ph. D. History and International Studies	2	6
Languages	M. A., Ph. D. English	2	6
	M. A., Ph. D. Hausa	2	6
	M. A., Ph. D. Arabic	3	11
Islamic Studies	M. A., Ph. D. Islamic Studies	2	6

ii. Faculty of Education

Undergraduate Programmes

Department	Programme	Phase	Year
Education	B. Ed. Educational Management	1	1
	B. Ed. Primary Education	1	1
	B. Ed. Social Studies	1	1
	B. Ed. Business Education	2	6
	B. Ed. Curriculum Studies	2	6
	B. Ed. Educational Administration and Planning	2	6
	B. Ed. Guidance and Counseling	2	6
Arts and Social Science Education	B. A. Ed. (Arabic, History and International Studies, English, Hausa, Islamic Studies)	1	1
	B. Sc. Ed. (Economics, Geography)	1	1
Science Education	B. Sc. Ed. (Biology, Chemistry, Computer Science, Mathematics, Physics)	1	1
Library and Information Science	B. Library and Information Science	2	6
Technical Education	B. Ed. Technology Education	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Education	PGDE	2	6
	M. Ed., Ph. D. Educational Management	2	6
	M. Ed., Ph. D. Primary Education	2	6
	M. Ed., Ph. D. Social Studies	2	6
	M. Ed., Ph. D. Business Education	3	11
	M. Ed., Ph. D. Curriculum Studies	3	11
	M. Ed., Ph. D. Educational Administration and Planning	3	11
	M. Ed., Ph. D. Guidance and Counseling	3	11
Arts and Social Science Education	M. Ed., Ph. D. Language Arts	2	6
Science Education	M. Ed., Ph. D. Science Education	2	6
Library and Information Science	M. LIS, Ph. D. Library and Information Science	3	11
Technical Education	M. Ed., Ph. D. Technology Education	3	11

iii. Faculty of Management Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Accounting	B. Sc. Accounting	1	1
Management	B. Sc. Management	1	1
	B. Sc. Entrepreneurship Studies	2	6
Administration	B. Sc. Human Resource Management and Public Relations	1	1
Banking and Finance	B. Sc. Banking and Finance	2	6
Marketing	B. Sc. Marketing	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Accounting	PGD, M. Sc., Ph. D. Accounting	2	6
Management	PGDM, MBA, M. Sc., Ph. D. Management	2	6
	PGD, M. Sc., Ph. D. Entrepreneurship Studies	3	11
Administration	PGD, M. Sc., Ph. D. Human Resource Management and Public Relations	2	6
Banking and Finance	PGD, M. Sc., Ph. D. Banking and Finance	3	11
Marketing	PGD, M. Sc., Ph. D. Marketing	3	11

iv. Faculty of Natural and Applied Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Biological Sciences	B. Sc. Biology	1	1
	B. Sc. Biotechnology	2	6
Chemistry	B. Sc. Chemistry	1	1
	B. Sc. Industrial Chemistry	3	11
Computer Science	B. Sc. Computer Science	1	1
	B. Sc. Information Science	2	6
	B. Sc. Management Information System	2	6
	B. Sc. Software Development	2	6
Mathematics	B. Sc. Mathematics	1	1
	B. Sc. Statistics	3	11
Physics	B. Sc. Physics	12	1
	B. Sc. Applied Physics	3	11
Biochemistry	B. Sc. Biochemistry	2	6
Microbiology	B. Sc. Microbiology	2	6
Geology	B. Sc. Geology	3	11

Postgraduate Programmes

Department	Programme	Phase	Year
Biological Sciences	M. Sc., Ph. D. Biology	2	6
	M. Sc., Ph. D. Biotechnology	3	11
Chemistry	M. Sc., Ph. D. Chemistry	2	6
Computer Science	PGD, M. Sc., Ph. D. Computer Science	2	6
	PGD, M. Sc., Ph. D. Information Science	3	11
	PGD, M. Sc., Ph. D. Management Information System	3	11
	PGD, M. Sc., Ph. D. Software Development	3	11
Mathematics	M. Sc., Ph. D. Mathematics	2	6
Physics	M. Sc., Ph. D. Physics	2	6
Biochemistry	M. Sc., Ph. D. Biochemistry	3	11
Microbiology	M. Sc., Ph. D. Microbiology	3	11

v. Faculty of Social Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Economics	B. Sc. Economics	1	1
Geography	B. Sc. Geography	1	1
Mass Communication	B. Sc. Mass Communication	1	6
Peace Studies and Conflict Resolution	B. Sc. Peace Studies and Conflict Resolution	2	6
Tourism Studies	B. Sc. Tourism Studies	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Economics	M. Sc., Ph. D. Economics	2	6
Geography	M. Sc., Ph. D. Geography	2	6
Mass Communication	M. Sc., Ph. D. Mass Communication	3	11
Peace Studies and Conflict Resolution	M. Sc., Ph. D. Peace Studies and Conflict Resolution	3	11
Tourism Studies	M. Sc., Ph. D. Tourism Studies	3	11

v. School of General and Preliminary Studies

Department	Programme	Phase	Year
Preliminary Unit	Preliminary Arts Programme	1	1
	Preliminary Science Programme	1	1
Remedial Unit	Remedial Arts Programme	1	1
	Remedial Science Programme	1	1

vii. Faculty of Medicine

Undergraduate Programmes

Department	Programme	Phase	Year
Anatomy	B. Sc. Anatomy, MBBS	1	3
Physiology	B. Sc. Physiology, MBBS	1	3
Anaesthesia and Intensive Care Medicine	MBBS	1	3
Haematology	MBBS	1	3
Immunology	MBBS	1	3
Medical Biochemistry and Clinical Chemistry	MBBS	1	3
Medical Laboratory Science	MBBS	1	3
Medicine	MBBS	1	3
Microbiology and Parasitology	MBBS	1	3
Obstetrics and Gynaecology	MBBS	1	3
Paediatrics	MBBS	1	3
Pathology and Forensic Medicine	MBBS	1	3
Pharmacology and Therapeutics	MBBS	1	3
Preventive and Community Medicine	MBBS	1	3
Psychiatry	MBBS	1	3
Radiology	MBBS	1	3
Surgery	MBBS	1	3
Nursing	B.N.Sc.	2	6
Physiotherapy	B. Sc. Physiotherapy	2	6
Medical Laboratory Science	B. MLS	3	11
Optometry	B. Optometry	3	11

Postgraduate Programmes

Department	Programme	Phase	Year
Anatomy	M. Sc., Ph. D. Anatomy	2	8
Physiology	M. Sc., Ph. D. Physiology	2	8
Anaesthesia and Intensive Care Medicine	M. Sc., Ph. D.	2	10
Haematology	M. Sc., Ph. D.	2	10
Immunology	M. Sc., Ph. D.	2	10
Medical Biochemistry and Clinical Chemistry	M. Sc., Ph. D.	2	10
Medicine	M. Sc., Ph. D.	2	10
Microbiology and Parasitology	M. Sc., Ph. D.	2	10
Obstetrics and Gynaecology	M. Sc., Ph. D.	2	10
Paediatrics	M. Sc., Ph. D.	2	10
Pathology and Forensic Medicine	M. Sc., Ph. D.	2	10
Pharmacology and Therapeutics	M. Sc., Ph. D.	2	10
Preventive and Community Medicine	M. Sc., Ph. D.	2	10
Psychiatry	M. Sc., Ph. D.	2	10
Surgery	M. Sc., Ph. D.	2	10
Nursing	M. Sc., Ph. D. Nursing	3	12
Physiotherapy	M. Sc., Ph. D. Physiotherapy	3	12

viii. Faculty of Pharmaceutical Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Pharmaceutics	B. Pharmacy	1	4
Pharmaceutical Technology			
Pharmacology and Toxicology			
Pharmacognosy			

Postgraduate Programmes

Department	Programme	Phase	Year
Pharmaceutics	M. Sc., Ph. D.	2	10
Pharmaceutical Technology	M. Sc., Ph. D.	2	10
Pharmacology and Toxicology	M. Sc., Ph. D.	2	10
Pharmacognosy	M. Sc., Ph. D.	2	10

ix. Faculty of Agriculture

Undergraduate Programmes

Department	Programme	Phase	Year
Agricultural Economics and Extension Services	B. Agriculture	2	6
Agronomy			
Animal Science			
Soil Science			

Fisheries	B. Fisheries	2	6
Home Economics	B. Sc. Home Economics	2	6
Hospitality and Tourism Management	B. Sc. Hospitality and Tourism Management	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Agricultural Economics and Extension Services	M. Sc., Ph. D. Agricultural Economics	3	12
	M. Sc., Ph. D. Rural Sociology and Extension	3	12
Agronomy	M. Sc., Ph. D. Agronomy	3	12
Animal Science	M. Sc., Ph. D. Animal Science	3	12
Soil Science	M. Sc., Ph. D. Soil Science	3	12
Fisheries	M. Sc., Ph. D. Fisheries	3	12
Home Economics	M. Sc., Ph. D. Home Economics	3	11
Hospitality and Tourism Management	M. Sc., Ph. D. Hospitality and Tourism Management	3	12

x. Faculty of Law

Undergraduate Programmes

Department	Programme	Phase	Year
Commercial Law	LL. B.	2	6
Public and Private Law			
Sharia'ah Law			

Postgraduate Programmes

Department	Programme	Phase	Year
Commercial Law	LL. M., Ph. D. Commercial Law	3	12
Public and Private Law	LL. M., Ph. D. Public and Private Law	3	12
Sharia'ah Law	LL. M., Ph. D. Sharia'ah Law	3	12

xi. Faculty of Engineering

Undergraduate Programmes

Department	Programme	Phase	Year
Aeronautical Engineering	B. Eng. Aeronautical Engineering	3	11
Agricultural Engineering	B. Eng. Agricultural Engineering	3	11
Automobile Engineering	B. Eng. Automobile Engineering	3	11
Civil Engineering	B. Eng. Civil Engineering	3	11
Communication Engineering	B. Eng. Communication Engineering	3	11
Computer Engineering	B. Eng. Computer Engineering	3	11
Electrical and Electronics Engineering	B. Eng. Electrical and Electronics Engineering	3	11

Mechanical Engineering	B. Eng. Mechanical Engineering	3	11
Mining Engineering	B. Eng. Mining Engineering	3	11
Water Resources Engineering	B. Eng. Water Resources Engineering	3	11

4.2.4 PHASE 4: (YEAR 16 – YEAR 20)

The development of the academic structure of Jigawa State University shall be completed during Phase 4. During this phase, the university shall establish all outstanding postgraduate programmes. At the end of this phase, it is planned that the university shall have achieved full growth and shall have established its full academic structure by having a School of General and Preliminary Studies with Remedial and Preliminary programmes in Arts and Science, 10 faculties, 70 departments, 68 undergraduate programmes, and 188 postgraduate programmes as follows:

i. Faculty of Humanities

Undergraduate Programmes

Department	Programme	Phase	Year
History and International Studies	B. A. History and International Studies	1	1
Languages	B. A. English	1	1
	B. A. Hausa	1	1
	B. A. Arabic	2	6
	B. A. Fulfulde	3	11
	B. A. Kanuri	3	11
Islamic Studies	B. A. Islamic Studies	1	1

Postgraduate Programmes

Department	Programme	Phase	Year
History and International Studies	M. A., Ph. D. History and International Studies	2	6
Languages	M. A., Ph. D. English	2	6
	M. A., Ph. D. Hausa	2	6
	M. A., Ph. D. Arabic	3	11
	M. A., Ph. D. Fulfulde	4	16
	M. A., Ph. D. Kanuri	4	16
Islamic Studies	M. A., Ph. D. Islamic Studies	2	6

ii. Faculty of Education

Undergraduate Programmes

Department	Programme	Phase	Year
Education	B. Ed. Educational Management	1	1
	B. Ed. Primary Education	1	1
	B. Ed. Social Studies	1	1
	B. Ed. Business Education	2	6
	B. Ed. Curriculum Studies	2	6
	B. Ed. Educational Administration and Planning	2	6
	B. Ed. Guidance and Counseling	2	6
Arts and Social Science Education	B. A. Ed. (Arabic, History and International Studies, English, Hausa, Islamic Studies)	1	1
	B. Sc. Ed. (Economics, Geography)	1	1
Science Education	B. Sc. Ed. (Biology, Chemistry, Computer Science, Mathematics, Physics)	1	1
Library and Information Science	B. Library and Information Science	2	6
Technical Education	B. Ed. Technology Education	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Education	PGDE	2	6
	M. Ed., Ph. D. Educational Management	2	6
	M. Ed., Ph. D. Primary Education	2	6
	M. Ed., Ph. D. Social Studies	2	6
	M. Ed., Ph. D. Business Education	3	11
	M. Ed., Ph. D. Curriculum Studies	3	11
	M. Ed., Ph. D. Educational Administration and Planning	3	11
	M. Ed., Ph. D. Guidance and Counseling	3	11
Arts and Social Science Education	M. Ed., Ph. D. Language Arts	2	6
Science Education	M. Ed., Ph. D. Science Education	2	6
Library and Information Science	M. LIS, Ph. D. Library and Information Science	3	11
Technical Education	M. Ed., Ph. D. Technology Education	3	11

iii. Faculty of Management Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Accounting	B. Sc. Accounting	1	1
Management	B. Sc. Management	1	1
	B. Sc. Entrepreneurship Studies	2	6
Administration	B. Sc. Human Resource Management and Public Relations	1	1
Banking and Finance	B. Sc. Banking and Finance	2	6
Marketing	B. Sc. Marketing	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Accounting	PGD, M. Sc., Ph. D. Accounting	2	6
Management	PGDM, MBA, M. Sc., Ph. D. Management	2	6
	PGD, M. Sc., Ph. D. Entrepreneurship Studies	3	11
Administration	PGD, M. Sc., Ph. D. Human Resource Management and Public Relations	2	6
Banking and Finance	PGD, M. Sc., Ph. D. Banking and Finance	3	11
Marketing	PGD, M. Sc., Ph. D. Marketing	3	11

iv. Faculty of Natural and Applied Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Biological Sciences	B. Sc. Biology	1	1
	B. Sc. Biotechnology	2	6
Chemistry	B. Sc. Chemistry	1	1
	B. Sc. Industrial Chemistry	3	11
Computer Science	B. Sc. Computer Science	1	1
	B. Sc. Information Science	2	6
	B. Sc. Management Information System	2	6
	B. Sc. Software Development	2	6
Mathematics	B. Sc. Mathematics	1	1
	B. Sc. Statistics	3	11
Physics	B. Sc. Physics	12	1
	B. Sc. Applied Physics	3	11
Biochemistry	B. Sc. Biochemistry	2	6
Microbiology	B. Sc. Microbiology	2	6
Geology	B. Sc. Geology	3	11

Postgraduate Programmes

Department	Programme	Phase	Year
Biological Sciences	M. Sc., Ph. D. Biology	2	6
	M. Sc., Ph. D. Biotechnology	3	11
Chemistry	M. Sc., Ph. D. Chemistry	2	6
	M. Sc., Ph. D. Industrial Chemistry	4	17
Computer Science	PGD, M. Sc., Ph. D. Computer Science	2	6
	PGD, M. Sc., Ph. D. Information Science	3	11
	PGD, M. Sc., Ph. D. Management Information System	3	11
	PGD, M. Sc., Ph. D. Software Development	3	11
Mathematics	M. Sc., Ph. D. Mathematics	2	6
	M. Sc., Ph. D. Statistics	4	16
Physics	M. Sc., Ph. D. Physics	2	6
	M. Sc., Ph. D. Applied Physics	4	16
Biochemistry	M. Sc., Ph. D. Biochemistry	3	11
Microbiology	M. Sc., Ph. D. Microbiology	3	11
Geology	M. Sc., Ph. D. Geology	4	16

v. Faculty of Social Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Economics	B. Sc. Economics	1	1
Geography	B. Sc. Geography	1	1
Mass Communication	B. Sc. Mass Communication	1	6
Peace Studies and Conflict Resolution	B. Sc. Peace Studies and Conflict Resolution	2	6
Tourism Studies	B. Sc. Tourism Studies	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Economics	M. Sc., Ph. D. Economics	2	6
Geography	M. Sc., Ph. D. Geography	2	6
Mass Communication	M. Sc., Ph. D. Mass Communication	3	11
Peace Studies and Conflict Resolution	M. Sc., Ph. D. Peace Studies and Conflict Resolution	3	11
Tourism Studies	M. Sc., Ph. D. Tourism Studies	3	11

v. School of General and Preliminary Studies

Department	Programme	Phase	Year
Preliminary Unit	Preliminary Arts Programme	1	1
	Preliminary Science Programme	1	1
Remedial Unit	Remedial Arts Programme	1	1
	Remedial Science Programme	1	1

vii. Faculty of Medicine**Undergraduate Programmes**

Department	Programme	Phase	Year
Anatomy	B. Sc. Anatomy, MBBS	1	3
Physiology	B. Sc. Physiology, MBBS	1	3
Anaesthesia and Intensive Care Medicine	MBBS	1	3
Haematology	MBBS	1	3
Immunology	MBBS	1	3
Medical Biochemistry and Clinical Chemistry	MBBS	1	3
Medical Laboratory Science	MBBS	1	3
Medicine	MBBS	1	3
Microbiology and Parasitology	MBBS	1	3
Obstetrics and Gynaecology	MBBS	1	3
Paediatrics	MBBS	1	3
Pathology and Forensic Medicine	MBBS	1	3
Pharmacology and Therapeutics	MBBS	1	3
Preventive and Community Medicine	MBBS	1	3
Psychiatry	MBBS	1	3
Radiology	MBBS	1	3
Surgery	MBBS	1	3
Nursing	B.N.Sc.	2	6
Physiotherapy	B. Sc. Physiotherapy	2	6
Medical Laboratory Science	B. MLS	3	11
Optometry	B. Optometry	3	11

Postgraduate Programmes

Department	Programme	Phase	Year
Anatomy	M. Sc., Ph. D. Anatomy	2	8
Physiology	M. Sc., Ph. D. Physiology	2	8
Anaesthesia and Intensive Care Medicine	M. Sc., Ph. D.	2	10
Haematology	M. Sc., Ph. D.	2	10
Immunology	M. Sc., Ph. D.	2	10
Medical Biochemistry and Clinical Chemistry	M. Sc., Ph. D.	2	10
Medicine	M. Sc., Ph. D.	2	10
Microbiology and Parasitology	M. Sc., Ph. D.	2	10
Obstetrics and Gynaecology	M. Sc., Ph. D.	2	10
Paediatrics	M. Sc., Ph. D.	2	10
Pathology and Forensic Medicine	M. Sc., Ph. D.	2	10
Pharmacology and Therapeutics	M. Sc., Ph. D.	2	10
Preventive and Community Medicine	M. Sc., Ph. D.	2	10
Psychiatry	M. Sc., Ph. D.	2	10
Surgery	M. Sc., Ph. D.	2	10
Nursing	M. Sc., Ph. D. Nursing	3	12
Physiotherapy	M. Sc., Ph. D. Physiotherapy	3	12

Medical Laboratory Science	M. Sc., Ph. D Medical Laboratory Science	4	17
Optometry	M. Sc., Ph. D. Optometry	4	18

viii. Faculty of Pharmaceutical Sciences

Undergraduate Programmes

Department	Programme	Phase	Year
Pharmaceutics	B. Pharmacy	1	4
Pharmaceutical Technology			
Pharmacology and Toxicology			
Pharmacognosy			

Postgraduate Programmes

Department	Programme	Phase	Year
Pharmaceutics	M. Sc., Ph. D.	2	10
Pharmaceutical Technology	M. Sc., Ph. D.	2	10
Pharmacology and Toxicology	M. Sc., Ph. D.	2	10
Pharmacognosy	M. Sc., Ph. D.	2	10

ix. Faculty of Agriculture

Undergraduate Programmes

Department	Programme	Phase	Year
Agricultural Economics and Extension Services	B. Agriculture	2	6
Agronomy			
Animal Science			
Soil Science			
Fisheries	B. Fisheries	2	6
Home Economics	B. Sc. Home Economics	2	6
Hospitality and Tourism Management	B. Sc. Hospitality and Tourism Management	2	6

Postgraduate Programmes

Department	Programme	Phase	Year
Agricultural Economics and Extension Services	M. Sc., Ph. D. Agricultural Economics	3	12
	M. Sc., Ph. D. Rural Sociology and Extension	3	12
Agronomy	M. Sc., Ph. D. Agronomy	3	12
Animal Science	M. Sc., Ph. D. Animal Science	3	12
Soil Science	M. Sc., Ph. D. Soil Science	3	12
Fisheries	M. Sc., Ph. D. Fisheries	3	12

Home Economics	M. Sc., Ph. D. Home Economics	3	11
Hospitality and Tourism Management	M. Sc., Ph. D. Hospitality and Tourism Management	3	12

x. Faculty of Law

Undergraduate Programmes

Department	Programme	Phase	Year
Commercial Law	LL. B.	2	6
Public and Private Law			
Sharia'ah Law			

Postgraduate Programmes

Department	Programme	Phase	Year
Commercial Law	LL. M., Ph. D. Commercial Law	3	12
Public and Private Law	LL. M., Ph. D. Public and Private Law	3	12
Sharia'ah Law	LL. M., Ph. D. Sharia'ah Law	3	12

xi. Faculty of Engineering

Undergraduate Programmes

Department	Programme	Phase	Year
Aeronautical Engineering	B. Eng. Aeronautical Engineering	3	11
Agricultural Engineering	B. Eng. Agricultural Engineering	3	11
Automobile Engineering	B. Eng. Automobile Engineering	3	11
Civil Engineering	B. Eng. Civil Engineering	3	11
Communication Engineering	B. Eng. Communication Engineering	3	11
Computer Engineering	B. Eng. Computer Engineering	3	11
Electrical and Electronics Engineering	B. Eng. Electrical and Electronics Engineering	3	11
Mechanical Engineering	B. Eng. Mechanical Engineering	3	11
Mining Engineering	B. Eng. Mining Engineering	3	11
Water Resources Engineering	B. Eng. Water Resources Engineering	3	11

Postgraduate Programmes

Department	Programme	Phase	Year
Aeronautical Engineering	M. Eng., Ph. D. Aeronautical Engineering	4	17
Agricultural Engineering	M. Eng., Ph. D. Agricultural Engineering	4	17
Automobile Engineering	M. Eng., Ph. D. Automobile Engineering	4	17
Civil Engineering	M. Eng., Ph. D. Civil Engineering	4	17
Communication Engineering	M. Eng., Ph. D. Communication Engineering	4	17
Computer Engineering	M. Eng., Ph. D. Computer Engineering	4	17
Electrical and Electronics Engineering	M. Eng., Ph. D. Electrical and Electronics Engineering	4	17

Mechanical Engineering	M. Eng., Ph. D. Mechanical Engineering	4	17
Mining Engineering	M. Eng., Ph. D. Mining Engineering	4	17
Water Resources Engineering	M. Eng., Ph. D. Water Resources Engineering	4	17

4.2.5 SCHOOL OF GENERAL AND PRELIMINARY STUDIES

A School of General and Preliminary Studies shall be established by Jigawa State University at the commencement of academic activities by the 2013/14 session, which shall comprise the General Studies Unit, the Preliminary Studies Unit and the Remedial Studies Unit. Graduates of the school from the preliminary and remedial studies programmes are expected to provide substantial population of students to be admitted into undergraduate programmes of the university. The school shall run the remedial studies programmes in Arts and Science aimed at providing students with deficiencies at the ‘O’ Level the opportunity to remedy such deficiencies; while the preliminary programmes in Arts and Science shall prepare candidates for the university’s undergraduate programmes and widen access for Jigawa State indigenes to university education. Students that graduate from the remedial studies programmes of the university shall gain entry into the undergraduate programmes of the university through the UTME mode; while those from preliminary studies programmes who pass the IJMB examinations shall be admitted into undergraduate programmes at the 100 Level.

The General Studies Unit shall be responsible for organising the teaching of all general studies courses, which shall be compulsory for all undergraduate students of the university. The general studies courses shall be mounted with the objective of infusing in students irrespective of programme studied: the development of effective and practical communication skills; the spirit of independence through the acquirement of entrepreneurial skills; the characteristics of tolerance for the multi-cultural and multi-religious nature of Nigerian society; and the attributes of liberalism and fear of God.

The general studies courses to be mounted by the university shall be those stipulated in the NUC Benchmark Minimum Academic Standards. The general studies courses shall be as follows:

GST 111: Communication in English I (2 Units);

GST 113: Nigerian Peoples and Culture (2 Units);

GST 121: Use Of Library, Study Skills and Information Communication Technology (ICT) (2 Units);

GST 122: Communication in French (2 Units) or GST 123: Communication in Arabic (2 Units);

GST 211: Communication in English II (2 Units);

GST 212: Logic, Philosophy and Human Existence (2 Units);

GST 221: History and Philosophy of Science (2 Units);

GST 222: Peace Studies and Conflict Resolution (2 Units);

GST 223: Introduction to Entrepreneurial Skills (2 Units); and

GST 311: Introduction to Entrepreneurship Studies (2 Units).

The School of General and Preliminary Studies shall be headed by a Director, who shall be appointed by the Vice-Chancellor.

4.2.6 SCHOOL OF POSTGRADUATE STUDIES

A School of Postgraduate Studies shall be established by Jigawa State University at the commencement of Phase 2 of the development of its academic structure starting from Year 6.

This shall herald the start of postgraduate studies in the university. The pioneer postgraduate

programmes shall commence in the faculties, departments and programmes established during Phase 1. Postgraduate programmes of Jigawa State University shall be established based on the following rules:

- i. after a department has graduated its first two sets of students in the same field of study as the proposed postgraduate programme;
- ii. after the precursor undergraduate programme has attained full accreditation status from NUC and professional bodies, where relevant;
- iii. after at least 25% of undergraduate programmes of the university have full accreditation status; and
- iii. after due process of application and obtaining Senate, Council and NUC approvals.

The School of Postgraduate Studies shall have responsibility for the general coordination of postgraduate programmes of the university, though the programmes shall be taught and examined in the various faculties and academic departments. The guidelines for postgraduate studies in the university shall be worked out by the School of Postgraduate Studies in collaboration with the faculties. The School of Postgraduate Studies shall be headed by a Dean and it shall also have a Board to be chaired by the Dean of the school with the Deans of all other faculties as members. The functions of the School of Postgraduate Studies shall include to:

- i. receive and recommend to Senate submissions from departments and faculties on admissions, registration, field of study, research proposals and topics, supervisors, internal and external examiners, and duration of programmes;

- ii. examine postgraduate curricula and examination programmes submitted by departments through Faculty (Postgraduate) Boards, and make recommendations to Senate;
- iii. receive each candidate's detailed programme and progress report for purpose of monitoring the candidate's progress;
- iv. recommend to Senate candidates whose studies should be terminated;
- v. advice Senate on candidates whose programmes require a period of study outside the university;
- vi. interpret and operate postgraduate regulations, and make annual reports on its work to Senate;
- vii. assess and recommend to Senate, students for postgraduate scholarship, fellowships, stipends and other awards;
- viii. prepare and operate a budget necessary for executing the functions of the school, paying particular attention to fellowship, scholarship, visiting lectureships and postgraduate programmes;
- ix. recommend periodically to Senate, a comprehensive review of general regulations, progress and development of postgraduate studies;
- x. take and consider all results in respect of all programmes being coordinated by the school, and make appropriate recommendations to Senate;
- xi. consider and approve, on behalf of the Senate, requests for extension of time for postgraduate programmes and deferment of admissions;
- xii. consider and approve the minimum period of professional attachments or internships and minimum attendance requirement for coursework;
- xiii. approve teaching staff for postgraduate studies and regulate the conduct of postgraduate teaching;

- xiv. receive and recommend to Senate for approval, faculty submission of candidates for the award of higher degrees and diplomas;
- xv. receive and recommend to Senate departmental and faculty submission on the establishment of new postgraduate programmes;
- xvi. publish the School of Postgraduate Studies prospectus, titles of dissertations and theses accepted for higher degrees and their abstracts, and disseminate other related information on postgraduate matters;
- xvii. establish criteria for the appointment and approval of postgraduate supervisors and external examiners; and
- xviii. carry out any other responsibilities that Senate may delegate to the Board from time to time.

4.3 REQUIREMENTS FOR ADMISSION

4.3.1 REMEDIAL STUDIES PROGRAMMES

Admission into the Remedial Studies programmes of Jigawa State University shall be open to candidates who have at least three credits and two passes in the relevant Arts or Science subjects at the ‘O’ Level.

4.3.2 PRELIMINARY STUDIES PROGRAMMES

Admission into the Preliminary Studies programmes of Jigawa State University shall be open to candidates who have at least three credits and two passes in the relevant Arts or Science subjects at the ‘O’ Level, which shall include English and Mathematics..

4.3.3 UNDERGRADUATE PROGRAMMES

The minimum admission requirements for undergraduate programmes of Jigawa State University shall include the following:

- i. 100 Level: a candidate shall possess the SSCE/NECO/GCE or equivalent with credit passes in five subjects in not more than two sittings including English and Mathematics. A candidate shall, in addition, have an acceptable score in the Unified Tertiary Matriculation Examination (UTME);
- ii. Direct Entry (200 Level):
 - a. a pass at Lower Credit level in relevant ND programme in addition to meeting the 'O' Level requirements for admission into undergraduate programmes;
 - b. two 'A' Level passes in relevant subjects with SSCS/NECO/GCE 'O' Level credit passes in 5 subjects obtained in not more than two sittings;
 - c. three 'A' Level passes in relevant subjects with SSCS/NECO/GCE 'O' Level credit passes in 3 subjects obtained in not more than two sittings; and
- iii. In all cases, an 'O' Level credit in English Language and Mathematics shall be required.

In addition, admission into undergraduate degree programmes of Jigawa State University shall be based on the faculty and departmental requirements stated below.

i. Faculty of Agriculture

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Agriculture	Five Credits at SSCE (or its equivalent) in English, Mathematics, Biology/Agric. Science and one of Physics, Geography and Economics.	Two 'A' level passes in Chemistry and one of Botany/Zoology Biology/ Physics/Agric. Science, Geography, Maths, Geology, Economics and Health Science.	UTME subjects are: Chemistry, Biology/ Agricultural Science and Mathematics/Physics.
Hospitality and Tourism Management, Home Economics	Five Credits at SSCE (or its equivalent) including English, Mathematics, Chemistry and Biology/Agric Science.	Two 'A' level passes in Chemistry and one of Biology/ Botany/ Physics/ Agric Science/ Geography/Economics Mathematics/ Accounting	UTME subjects are: Chemistry, Biology/Agriculture and Math. /Physics or one Social Science subject.
Fisheries	Five Credits at SSCE (or its equivalent) in English, Mathematics, Chemistry, Biology/ /Agric Science, and Physics/ Geography/ Economics.	Two 'A' level passes in Chemistry and one of Botany/Zoology Biology/Physics/Agric Science.	Chemistry, Biology/Agric and Maths/Physics.

i. Faculty of Education

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Science Education	Five credit passes in SSCE (or its equivalent) including Mathematics, English Language and other relevant science subjects.	Two A level credit passes/NCE in relevant Science subjects.	UTME subjects are: English, relevant Science and two other Science subjects.
Arts Education, Social Science Education, Guidance and Counseling, Curriculum Studies, Primary Education, Social Studies	Five credit passes in SSCE (or its equivalent) including English Language, relevant subject of specialisation and three other Arts subjects.	Two A level credit passes in relevant teaching subjects of specialisation. NCE with credit or merit passes in two relevant subjects.	UTME subjects are: English, subject of specialisation and one Arts subject and any other subject.
Business Education	Five Credits at SSCE (or its equivalent) including English Language, Mathematics, Economics and two other subject in Social Science or Arts.	Two 'A' level passes in relevant subjects.	UTME subjects are Mathematics, Economics plus one of Literature in English, History, Government, Geography, Chemistry and Physics.

Educational Administration and Planning, Educational Management	Five Credits at SSCE (or its equivalent) including English Language, Mathematics and Economics.	Two 'A' level passes from Lit. in English, History, CRK/IRK, Hausa, Yoruba and Igbo.	UTME subjects are: English, subject of specialisation and one Arts subject and any other subject.
Library and Information Science	Five credit passes in SSCE (or its equivalent) in English Language, Mathematics, and three other Arts/Social Science subjects.	Two A level passes in relevant subjects. NCE or OND at merit level.	UTME subjects are: English, Mathematics, Physics, Chemistry or Biology.
Technology	Five credit passes in NTC, City and Guilds Part I or WAEC Technical and Federal Craft Training Certificate to include English Language, Math., Technical Drawing, Physics and NABTEB.	NCE with merit pass in Technical Education. OND/ND in Mechanical/ Electrical or Electronics Engineering	UTME subjects are: English, Technical Drawing, a subject of specialisation and Mathematics or Physics.

ii. Faculty of Engineering

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Aeronautical Engineering, Agricultural Engineering, Automobile Engineering, Civil Engineering, Communication Engineering, Computer Engineering, Electrical and Electronics Engineering, Mechanical Engineering	Five credit passes at SSCE (or its equivalent) in English, Physics, Mathematics, Chemistry and either Geography or Biology.	A level credit passes in Mathematics, Physics and Chemistry. Upper credit passes in OND.	UTME subject are: English, Mathematics, and Physics or Chemistry.

iii. Faculty of Humanities

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
English	Five credit passes at SSCE (or its equivalent) in English, Literature in English.	Two A level passes including Literature in English and one other Arts subject.	UTME subjects are: English, Literature in English, one Arts subject and another one Social Science subject.
History and International Studies	Five credit passes at SSCE (or its equivalent) including English and History.	Two A level credit passes in History and other related subject.	UTME subjects are: English, History and any other two subjects from Arts and Social Sciences.

Arabic, Fulfulde, Hausa, Kanuri	Five credit passes at SSCE (or its equivalent) in English, subject of specialisation and any other Arts subject.	Two A level credit passes in subject of specialisation and any other Arts subject.	UTME subjects are: English, subject of specialisation and any two other from Arts and Social Sciences subjects.
Islamic Studies	Five credit passes at SSCE (or its equivalent) in English, subject of specialisation and three other relevant subjects.	Two A Level credit passes to include subject of specialisation.	UTME subjects are: English, two Arts subject including subject of specialisation and any other subject.

iv. Faculty of Law

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Law	Five credit passes at SSCE (or its equivalent) including English, Literature in English.	Two A level credit passes in Arts and Social Science subjects including English Literature. Credit passes in NCE, OND and Diploma in Law. First degree with at least second-class lower.	UTME subjects are: English, Literature in English and any other two Arts and Social Science subjects.

v. Faculty of Management Sciences

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Accounting, Management, Entrepreneurship Studies, Marketing	Five credit passes at SSCE (or its equivalent) in English, Mathematics and any other three relevant subjects.	Two A level credit passes in Economics, NCE or OND with credit passes in relevant subjects.	UTME subjects are: Economics, English, Mathematics and any other subject.
Banking and Finance	Five credit passes at SSCE (or its equivalent) in English, Mathematics and any other three subjects.	Two A Level credit passes in Economics and any of Science, Social Science, and Management.	UTME subjects are: Economics, English, Mathematics and any other subject.
Human Resource Management and Public Relations	Five credit passes at SSCE (or its equivalent) in English, History or Government and any other three relevant subjects.	Two A level credit passes in English, History or Government, NCE or OND with credit passes in relevant subjects.	UTME subjects are: English, History or Government and any other 2 Arts or Social Science subjects.

vi. **Faculty of Medicine**

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Anatomy, Physiology, Optometry, Medical Laboratory Science, Radiology	Five credit passes at SSCE (or its equivalent) in English, Chemistry, Biology, Physics and Mathematics.	Two A level credit passes chosen from Chemistry, Biology and Physics.	UTME subjects are: English, Mathematics, Biology and Chemistry or Physics.
Medicine	Five credit passes at SSCE (or its equivalent) in English, Chemistry, Biology, Physics and Mathematics.	A level credit passes in Chemistry, Biology or Zoology and Physics. BSC, BOS, etc. in relevant fields.	UTME subjects are: English, Chemistry, Physics and Biology.
Nursing, Physiotherapy	Five credit passes at SSCE (or its equivalent) in English, Chemistry, Biology, Physics and Mathematics.	Two A level credit passes chosen from Chemistry, Biology and Physics.	UTME subjects are: English, Mathematics, Biology and Chemistry or Physics.

vii. **Faculty of Natural and Applied Sciences**

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Biology, Biochemistry, Microbiology, Biotechnology	Five credit passes at SSCE (or its equivalent) in English, Biology, Chemistry, Mathematics and any other science subject.	At least two A level passes in Biology, Botany, Zoology and Chemistry or Physics. Credit passes in NCE and OND.	UTME subjects are: English, Biology, Chemistry and any other Science subject.
Chemistry, Industrial Chemistry	Five credits at SSCE (or its equivalent) in English, Chemistry, Physics, Mathematics and Biology.	Two A level credit passes in Chemistry and any one of Physics, Mathematics or Biology in that order. Credit passes in OND.	UTME subjects are: English, Chemistry, Mathematics and any of Physics, Geography or Biology.
Geology	Five credit passes at SSCE (or its equivalent) in English, Chemistry, Mathematics and any other two subjects preferably Physics, Geography and Biology.	Two A level credit passes in Chemistry and Mathematics.	UTME Subjects are: English, Chemistry, Physics and Biology.

Mathematics, Computer Science, Statistics, Information Science, Management Information System, Software Development	Five credit passes at SSCE (or its equivalent) including English and Mathematics and any other three subjects preferably further Mathematics, Physics Chemistry, Biology, Agricultural Science in that order.	Two A level passes in Mathematics and either Physics and/or Chemistry. NCE with credit passes in Mathematics and another science subject.	UTME subject are: English, Mathematics and any two of Physics, Chemistry, Biology, Geography and Economics in order of preference.
Physics, Applied Physics	Five credit passes at SSCE (or its equivalent) in English, Physics Mathematics and any other two subjects preferably Chemistry Further Mathematics, Geography and Biology in that order.	A level passes in Physics and Mathematics.	UTME subjects are: English, Physics, Mathematics and any of Chemistry, Geography or Biology.

viii. Faculty of Pharmaceutical Sciences

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Pharmacy	Five credit passes at SSCE (or its equivalent) in English, Chemistry, Biology, Physics and Mathematics.	A level credit passes in Chemistry, Biology/ Zoology and Physics/ Mathematics.	UTME Subjects are: English, Chemistry, Physics and Biology.

ix. Faculty of Social Sciences

Programme	Admission Requirements		Remarks
	UTME	Direct Entry	
Economics	Five credit passes at SSCE (or its equivalent) in English, Mathematics Economics and any other two subjects.	Two A level passes in Economics and any of Science, Social Science, Management subjects or History/ Government. Credit passes at NCE and OND.	UTME subjects are: English, Economics, Mathematics and any other subject.
Mass Communication	Five credit passes at SSCE (or its equivalent) in English and other Arts and/or social science subjects.	Two A Level credit passes in English and any other relevant subject. NCE & Diploma with credit passes.	UTME subjects are: English, any three Arts and Social Science subjects.

Geography	Five credit passes at SSCE (or its equivalent) in English, Geography, Mathematics, and any two of Chemistry, Physics, Economics, Biology and Agricultural Science.	Two A level credit passes in Geography and any other Science subject, Economics or Government.	UTME Subjects are: Geography and any other two of Chemistry, Biology, Mathematics, Physics, Agricultural Science or Economics.
Peace Studies and Conflict Resolution	Five credit passes at SSCE (or its equivalent) in English, Government, and two other Arts or Social Science subject.	Two A level credit passes in Arts and Social Science subjects. Credit passes in NCE, ND and diploma in social work.	UTME subject are: English, Government and any other two Arts and Social Science subjects.
Tourism Studies	Five Credits at SSCE (or its equivalent) including English and Mathematics	Two A' level passes in Mathematics and any other relevant subjects.	UTME subjects are: English, Maths., Econ and one other subject

4.3.4 POSTGRADUATE PROGRAMMES

Jigawa State University shall open admission to its postgraduate programmes to graduates of all universities. The university may, however, refuse postgraduate admission to graduates of specified universities subject to the approval of Senate. The general admission requirements for postgraduate programmes subject to fulfilling other specified departmental requirements shall be as follows:

- i. candidates must have the basic ordinary level university entry requirement of at least 5 credit passes in WASC, SSCE/GCE, NECO or their equivalent, which must include a credit pass in English or English and Mathematics, as determined by the department;
- ii. candidates for a Postgraduate Diploma (PGD) programme must possess a minimum of a first degree or HND (merit pass);
- iii. Master Degree:
 - a. a candidate with a first degree from a recognised university with minimum of a second class lower division may be admitted provided the university matriculation requirements are satisfied;

- b. a candidate with a good postgraduate diploma from a recognised university may also be admitted to a Master degree programme provided the university matriculation requirement is satisfied;
- iv. Doctor of Philosophy (Ph. D.): a candidate with a good Master degree which includes coursework and research thesis from a recognised university may be admitted provided the university matriculation requirement is satisfied;
- iv. requisite academic transcripts must accompany applications for postgraduate programmes, which shall be forwarded directly by the issuing university to the School of Postgraduate Studies; and
- v. the School of Postgraduate Studies may take registered students of higher degrees from other universities on transfer if they meet the university's conditions for entry to such degrees.

4.4 DURATION OF PROGRAMMES

4.4.1 REMEDIAL STUDIES PROGRAMMES

The Remedial Studies programmes of Jigawa State University shall have duration of one academic session.

4.4.2 PRELIMINARY STUDIES PROGRAMMES

The Preliminary Studies programmes of Jigawa State University shall have duration of one academic session.

4.4.3 UNDERGRADUATE PROGRAMMES

The undergraduate degree programmes of Jigawa State University shall have varying durations based on guidelines of the NUC Benchmark Minimum Academic Standards. The durations shall be as follows:

- i. a minimum of 8 semesters and a maximum of 12 semesters through UTME and a minimum of 6 semesters and a maximum of 10 semesters through Direct Entry for a four-year degree programme in the Faculties of Agriculture, Education, Humanities, Management Sciences, Medicine, Natural and Applied Sciences, and Social Sciences;
- ii. a minimum of 10 semesters and a maximum of 14 semesters through UTME and a minimum of 8 semesters and a maximum of 12 semesters through Direct Entry for a five-year degree programme in the Faculties of Agriculture, Engineering, Law, Medicine, Natural and Applied Sciences, and Pharmaceutical Sciences;
- iii. a minimum of 12 semesters and a maximum of 16 semesters through UTME and a minimum of 10 semesters and a maximum of 14 semesters through Direct Entry for a six-year degree programme in the Faculty of Medicine;
- iv. a student accepted on transfer shall be obligated to spend at least three sessions in the university before graduating; and
- v. any period of authorised withdrawal shall not be included in the normal duration of an academic programme.

4.4.4 POSTGRADUATE PROGRAMMES

The postgraduate programmes of Jigawa State University shall have the following durations:

- i. Postgraduate Diploma programme:
 - a. Full-time Diploma: minimum of two (2) semesters and a maximum of four (4) semesters;
 - b. Part-time Diploma: minimum of four (4) semesters and a maximum of six (6) semesters;
- ii. Master Degree programme:
 - a. Full-time: a minimum of three (3) semesters and a maximum of six (6) semesters.
 - b. Part-time: a minimum of four (4) semesters and a maximum of eight (8) semesters;
- iii. Ph. D. programme:
 - a. Full-time: a minimum of four (4) semesters, a maximum of ten (10) semesters;
 - b. Part-time: a minimum of six (6) semesters and a maximum of fourteen (14) semesters;
- iv. an extension of the duration of a postgraduate programme under specified conditions may be granted a candidate subject to the approval of the Board of the School of Postgraduate Studies based on the recommendation of a candidate's supervisor.

4.5 TIME TABLING, CONTACT HOURS, WORK WEEK, TIME SPENT IN LABORATORY, LECTURES, TUTORIALS, PRIVATE STUDIES

4.5.1 SEMESTER SYSTEM AND COURSE CREDIT SYSTEM

Jigawa State University shall run the semester system for its academic programmes. Each academic session shall comprise two semesters and each semester shall last for a period of eighteen (18) weeks consisting of one (1) week for registration, fifteen (15) weeks for

lectures and two (2) weeks for examination. Teaching and laboratory activities shall commence daily at 8.00 a.m. and end by 5.00 p.m.

In line with the guidelines of the National Universities Commission, Jigawa State University shall also operate the course credit system. One credit unit is defined as one hour of lecture or two or three hours of tutorial/laboratory/workshop or field work per week per semester and its equivalents shall be: two hours of seminar; three hours of laboratory or field work, clinical practice/practicum or studio practice; six hours of teaching practice; and one week of industrial attachment.

Jigawa State University shall adopt a course numbering system that shall use a prefixed three-letter code to identify the department offering a course followed by a three-digit number identifying the course. Odd-ended and even-ended numbers shall be used to identify first semester and second semester courses respectively. The university's courses shall be numbered as follows:

Undergraduate Courses

100 Level:	101-199
200 Level:	201-299
300 Level:	301-399
400 Level:	401-499
500 Level:	501-599
600 Level:	601-699

Postgraduate Courses

PGD:	701-799
Master:	801-899
Ph. D.:	901-999

All courses shall in general be examined at the end of the semester in which they are offered. Any deferment of examination shall only be valid subject to the approval of the Senate on the recommendation of the Faculty Board concerned. At the end of each course, a candidate shall be credited with the number of credit units assigned for the course offered and passed. Examinations shall take the structure of written papers, oral examinations, practicals, submission of projects, assessment of course work, or a combination of these. Continuous assessment, which may be in the form of papers, tests, assignments, practicals, etc as applicable to respective subject areas shall form part of the end of course examination. Continuous assessment shall contribute 30% or 40% of the total score for a course that does not involve practicals and for a course that involves practicals respectively. Jigawa State University shall utilise external examiners to review the final year undergraduate courses and projects so as to verify the quality of programmes and of the graduating students. Conversely, all postgraduate courses shall be moderated by external examiners. The grading system for all courses of Jigawa State University shall be as follows:

Percent Score	Letter Grade	Grade Point (GP)
70 – 100	A Excellent	5
60 – 69	B Good	4
50 – 59	C Average	3
45 – 49	D Satisfactory	2
40 – 44	E Poor (Pass)	1
0 – 39	F Very Poor (Fail)	0

The Grade Point Average (GPA) shall be calculated by dividing the sum of the product of all the earned grade points and units by the sum of the units attempted during a semester up to two decimal places. Cumulative Grade Point Average (CGPA) shall be the sum of the product of all earned grade points and units divided by the total units attempted in the university up to two decimal places. The GPA and CGPA are calculated as shown below:

Credit Unit(s)	Percent Score	Letter Grade	GP	GPA	CGPA
(i)	(ii)	(iii)	(iv)	(v)	(vi)
Vary according to contact per week/semester and workload	70 – 100	A	5	Derived by multiplying (i) by (iv) & dividing the sum by the total credit units.	4.50 – 5.00
	60 – 69	B	4		3.50 – 4.49
	50 – 59	C	3		2.40 – 3.49
	45 – 49	D	2		1.50 – 2.39
	40 – 44	E	1		1.00 – 1.49
	0 – 39	F	0		<1.00

Jigawa State University shall ensure the quality of its teaching and learning by maintaining the NUC approved minimum teacher to student ratios. These ratios as well as other parameters such as project/thesis supervision and pyramidal structure of academic staffing shall guide the employment of academic staff. The ratios are as follows:

Agriculture	1:15
Education	1:30
Engineering	1:15
Humanities	1:30
Law	1:30
Management Sciences	1:30
Medicine	1:10
Pharmaceutical Sciences	1:15
Science	1:20
Social Sciences	1:30

4.5.2 STUDENT WORKLOAD

Full-time students of Jigawa State University shall be required to register for a minimum of fifteen (15) credit units and a maximum of twenty-four (24) credit units per semester.

Part-time students shall be required to register for a minimum of fifteen (15) credit units per semester and a maximum of eighteen (18) credit units per semester.

Jigawa State University shall comply with the NUC guidelines governing graduate studies in Nigerian universities and the following shall constitute the workload for postgraduate programmes:

- i. all courses shall carry at least two (2) credit units;
- ii. the research project report submitted in partial fulfillment of the requirements for the award of the PGD shall carry a minimum of 4 credit units;
- iii. in partial fulfillment of the requirement for the award of a Master degree, the Master thesis shall carry a minimum of 6 credit units; and
- iv. a Ph. D. Thesis shall carry a minimum of 12 credit units

In order words, the minimum total workload expected to be covered for the award of postgraduate qualification of Jigawa State University shall be:

- i. Postgraduate Diploma shall carry a minimum of 24 credit units;
- ii. Master degree shall carry a minimum workload of 30 credit units; and
- iii. Ph. D. degree shall carry a minimum workload of 48 credit units distributed as 12 credit units for thesis, 30 credit units for the Master programme or course work and 16 credit units for seminars.

4.5.3 STAFF WORKLOAD

Full-time academic staff of Jigawa State University shall be required to have a minimum teaching load of eight (8) credit units per semester including postgraduate teaching.

4.5.4 PRIVATE STUDIES

Students of Jigawa State University shall be expected to spend adequate time on a day-to-day basis of about two to three hours in private studies. The university shall provide a library and other reading spaces in faculties and departments to encourage students to study in private.

4.6 COURSES AND COURSE DESCRIPTIONS

The details of the courses and their descriptions for undergraduate programmes of Jigawa State University are contained in Volume II to this Academic Brief.

4.7 REQUIREMENTS FOR GRADUATION

4.7.1 UNDERGRADUATE PROGRAMMES

Jigawa State University shall require its undergraduate students to complete and pass all courses specified and offered, including industrial attachment where applicable, for the chosen programme of study by the faculty/department and approved by the Senate before graduation. The minimum pass mark shall be 40% (E) for all courses offered in Jigawa State University. Other undergraduate graduation requirements shall be:

- i. Jigawa State University shall award its degrees on the authority of Senate only to students who have been found worthy in character and in learning;
- ii. students shall successfully complete and pass all prescribed examinations for courses required for a degree programme;

- iii. students shall not be involved in gross misconduct, such as, but not limited to: examination malpractice; convicted felony; other convicted criminal offences; and association with or membership of secret cult or of any organisation proscribed by the university or Government;
- v. students shall have earned: not less than 120 credit units for programmes that have durations of 4 years; not less than 150 credit units for programmes that have duration of 5 years; and not less than 180 credit units for programmes that have duration of 6 years. These must be spread strictly at a minimum of 30 passed credit units at each level of study. Students directly entering at 200 Level can graduate with 30 credit units less than what is specified above for their respective programmes;
- vi. students shall be required to complete their studies in not more than one and a half times the normal duration of the programme to qualify for an Honour's degree except in cases of ill-health or as determined by Senate;
- vii. for a student to be in good academic standing, the student must obtain a minimum cumulative grade point average of 1.00 at the end of each session. A student who fails to do so shall be placed on academic probation. If at the end of the probation year the CGPA still falls below 1.00, such a student shall be asked to withdraw from the programme registered without prejudice to being admitted into another programme in the university;
- viii. students who attain a CGPA of less than 1.00 shall first register their backlog of required courses before they can, within the ceiling of 48 credit units, be allowed to register for other courses;
- ix. students who absent themselves for two consecutive semesters without a valid reason may be asked to withdraw from the university, irrespective of their CGPA;

- x. students, for good reason and with the approval of Senate and upon recommendation by the Dean, may suspend their programme of study for a maximum of one calendar year; and
- xi. students who transfer from one programme to another or from another university may be credited with those course credit units earned which are relevant to the curriculum of the new programme.

4.7.2 POSTGRADUATE PROGRAMMES

The graduation requirements for postgraduate programmes of Jigawa State University shall be as follows:

a. Postgraduate Diploma

To graduate from a Postgraduate Diploma programme of the Jigawa State University mounted by a department and approved by the Senate, a student must fulfill the following conditions:

- i. the programme shall include a minimum of 24 credit units of graduate courses and research project as may be prescribed by the department;
- ii. a student must have:
 - a. passed all courses taken with a minimum score of 50% or letter 'C' grade; and
 - b. submitted an acceptable project.

b. Master Degree

To graduate from a Master degree programme of the Jigawa State University mounted by a department and approved by the Senate, a student must fulfill the following conditions:

- i. the programme shall include a minimum of 30 credit units of graduate courses, thesis or research project or as may be prescribed by the department and 12 credit units of research (including thesis writing);
- ii. a student must have:
 - a. passed all courses taken with a minimum score of 50% or letter 'C' grade or a CGPA of 3.50; and
 - b. submitted an acceptable project or dissertation or thesis.

c. Doctorate Degree

To graduate from a Doctorate degree programme of the Jigawa State University mounted by a department and approved by the, a student must fulfill the following conditions:

- i. the programme shall include a minimum of 48 credit units of advanced core courses, Master, thesis, and seminars;
- ii. a student must have:
 - a. passed all courses taken with a minimum score of 50% or letter 'C' grade; and
 - b. submitted an acceptable thesis.

In addition to above, the following general guidelines shall also apply:

- i. students are at liberty to combine their required course work with research work;
- ii. course work for Doctorate degree shall be determined by the supervisory committee and communicated through the Dean of the relevant faculty to the School of Postgraduate Studies and Senate for their consideration;
- iii. to qualify for the award of a graduate qualification, a student must obtain at least a 'C' grade in all courses. A student shall be withdrawn from a Master programme if he obtains a CGPA of less than 1 and Doctorate students with CGPA of less than 2 shall be withdrawn. Master students with CGPA above the minimum shall be allowed to repeat any course(s) in which they have failed;
- iv. taught courses will be externally examined. After the Examiners have approved the grades, they will be forwarded to the Departmental Board, the Faculty Board, the Board of School of Postgraduate Studies and Senate for approval;
- v. Senate shall appoint internal and external examiners for a Doctorate thesis upon the recommendation of the Board of the School of Postgraduate Studies and the relevant School Board;
- vi. a candidate pursuing a Master degree programme may be upgraded to a doctorate status by recommendation of the Faculty Board to the Board of the School of Postgraduate Studies and to Senate for approval. The following conditions must be met before a School Board can recommend a candidate:
 - a. the student must have been registered for at least six (6) calendar months.
 - b. successful completion of the coursework with a 'C' grade.
 - c. satisfactory progress report on the research work by a panel of three assessors comprising the candidate's Head of Department, the major supervisor and one person from outside the department. The report of this panel must accompany

the faculty's recommendation to School of Postgraduate Studies;

- vii. upgrading, where approved by Senate, shall take effect from the date of the original registration;
- viii. for each graduate student, there shall be a team comprising at least a Senior Lecturer and two minor supervisors, one of who must be outside the candidate's department. This committee shall constitute the project/thesis supervisory committee and it shall have the responsibility of guiding and supervising the student as well as approving all aspects of the project and the thesis before submission to the external examiner;
- ix. all students (graduate and undergraduate) are required to submit theses (in prescribed format) in partial fulfillment of the requirements for graduation in the various degrees for which they have registered;
- x. doctorate thesis shall demonstrate a major research field, and should represent a significant contribution to knowledge;
- xi. there shall be a Board of Examiners for thesis defence by each graduate student. The board shall comprise at least five members which must include members of the project supervisory committee, the external examiner, who will be the chairman and must be someone of at least Senior Lecturer grade, and a representative of the School of Postgraduate Studies who must be an academic with relevant background;
- xii. students are required to submit a minimum of three copies of the final draft of the temporarily bound thesis to the examiners. After the thesis defence, the candidate shall then make all necessary corrections and submit four copies of the properly bound thesis with certification by the Board of Examiners to the School of Postgraduate Studies at least two months before the Convocation in which the candidate wants to be presented for the award of the degree; and

xiii. students whose research works are considered to be unsatisfactory by their departments may also be withdrawn with a resolution of the Faculty Board, the Board of the School of Postgraduate Studies and Senate. The period within which the research work shall be adjudged to be unsatisfactory or otherwise shall be 12 months for Master and 24 months for Doctorate degrees.

4.8 CLASSIFICATION OF DEGREES

The classification of the first degree programmes of Jigawa State University shall be determined by the Cumulative Grade Point Average (CGPA) earned by students. Professional degrees shall however be awarded unclassified in some disciplines. The classification shall be as follows:

<u>Class of Degree</u>	<u>CGPA</u>
1 st Class Honours	4.50 – 5.00
2 nd Class Honours (Upper Division)	3.50 – 4.49
2 nd Class Honours (Lower Division)	2.40 – 3.49
3 rd Class Honours	1.50 – 2.39
Pass Degree	1.00 – 1.49
Fail	0.00 – 0.09

4.9 TITLES OF DEGREES

Jigawa State University shall award the following degrees:

Undergraduate Degrees

- i. Bachelor of Agriculture (B. Agric.)
- i. Bachelor of Arts (B.A.)
- iii. Bachelor of Arts Education (B.A. Ed.)
- iv. Bachelor of Education (B. Ed.)
- v. Bachelor of Engineering (B. Eng.)
- vi. Bachelor of Fisheries (B. Fisheries)
- vii. Bachelor of Law (LL.B.)
- viii. Bachelor of Library and Information Science (B. LIS)
- ix. Bachelor of Medical Laboratory Science (B. MLS)
- x. Bachelor of Medicine, Bachelor of Surgery (MBBS)
- xi. Bachelor of Nursing Science (B.N.Sc.)
- xii. Bachelor of Optometry (B. Optometry)
- xiii. Bachelor of Pharmacy (B. Pharmacy)
- xiv. Bachelor of Science (B. Sc.)
- xv. Bachelor of Science Education (B. Sc. Ed.)

Postgraduate Degrees

- i. Postgraduate Diploma (PGD)
- ii. Postgraduate Diploma in Education (PGDE)
- iii. Postgraduate Diploma in Management (PGDM)

- iv. Master of Arts (M. A.)
- v. Master of Business Administration (MBA)
- vi. Master of Education (M. Ed.)
- vii. Master of Engineering (M. Eng.)
- viii. Master of Law (LL. M.)
- ix. Master of Library Science and Information (M. LIS)
- x. Master of Science (M. Sc.)
- xi. Doctor of Philosophy (Ph. D.)

4.10 REQUIREMENTS FOR STUDENTS TRANSFER, WITHDRAWAL AND PROBATION

4.10.1 PROBATION FOR STUDENTS

Students of Jigawa State University whose academic performance, measured by the Cumulative Grade point Average (CGPA), falls below 1.00 at the end of a year of study shall be placed on probation. Such students shall register for the courses failed as well as some courses from the next level provided the total credit load taken shall not exceed the maximum allowed. A student whose CGPA falls below 1.00 at the end of a probation period shall be required to withdraw from the programme of study and from the university.

4.10.2 TRANSFER OF STUDENTS

Students registered in any programme of Jigawa State University in a regular session, or those previously registered but withdrew with permission on clear standing and who have not registered for another programme, may be transferred to another programme by applying to the Registrar before the commencement of the session on the recommendation of the Head of Department and Dean of the faculty.

A student may be considered for transfer from another university in Nigeria to Jigawa State University at not more than 200 level of a similar programme provided the candidate has attained a CGPA of not less than 2.0.

Students who transfer to Jigawa State University shall be credited with units in courses, which are equivalent to the courses which are relevant to the programme for which they are registering in the university. A transfer student shall not normally be credited with more than 65 units for courses taken in other universities.

4.10.3 WITHDRAWAL OF STUDENTS

Voluntary Withdrawal

Students of Jigawa State University who wish to withdraw voluntarily from their programme of study shall satisfy the following:

- i. a student who wishes to withdraw from the university shall be required to notify the Registrar in writing through the Dean of the Faculty and the Head of Department and such withdrawal shall be approved by the Senate;
- ii. fresh men and women shall give notice of withdrawal not later than two weeks after matriculation. Other students shall give notice of withdrawal not later than four weeks after the beginning of the semester;
- iii. a student withdrawing from the university shall be required to give the reason(s) for and the effective date of the withdrawal;
- iv. the university shall refund fees paid in excess of the period spent in the university;
- v. a student shall retain grades earned for the semester examinations preceding the date of voluntary withdrawal;
- vi. a student who voluntarily withdraws from the university shall, in order to be re-admitted, send a formal application to and receive clearance from the Registrar; and
- vii. Senate shall provide guidelines to be followed before a student who voluntarily withdrew can resume the programme of study after a period of withdrawal.

Withdrawal Without Authorisation

A student of Jigawa State University who withdraws from the university without the approval of the Senate shall only be considered for readmission after the case has been addressed and the approval of Senate obtained for readmission.

Withdrawal for Health Reasons

A student of Jigawa State University shall be asked to withdraw for health reasons certified by the university's Director of Medical Services. Such a student may be readmitted only after a valid medical report from an approved medical doctor and certified by the Director of Medical Services had been received to the effect that the student is medically fit to continue the programme.

Disciplinary Withdrawal and Expulsion

A student suspended on disciplinary grounds shall only be readmitted with the approval of the Senate and the Vice-Chancellor.

A student shall be expelled from Jigawa State University as a result of gross misconduct, examination malpractice or any other offence as determined by the laws and regulations of the university. Such a student shall be given the opportunity to defend him/herself, but shall not be readmitted to the university at any other time.

CHAPTER FIVE: RESEARCH POLICY

5.0 INTRODUCTION

Research is the bedrock of academic activities of all universities. It defines and demarcates the excellent quality of the academic programmes of a university. As an integral part of the tripartite functions of teaching, research and community service of a university, excellence in research defines and determines the capability of a university to identify and address the problems affecting its immediate community and mankind in general as well as proffer solutions to them. Research is also the veritable tool for advancing the frontiers of knowledge and for updating the curricula of academic programmes offered by a university. Jigawa State University shall implement research policies that shall ensure it attains excellence in the conduct of research as well as address the developmental goals of Jigawa State in particular and Nigeria in general. The university shall support basic, applied, collaborative, competitive and other research efforts aimed at achieving its vision, mission and objectives.

5.1 RESEARCH PHILOSOPHY

The research policy of Jigawa State University shall be anchored on novelty, originality and excellence in the conduct of research as well as the delivery of excellent quality services to varied clientele that shall include Government and its agencies, private sector organisations, industries, individuals, and others. The research philosophy of Jigawa State University shall also be characterised by the autonomy of staff and students to follow their research interest within the agenda of the university's research priorities. The philosophy of research at Jigawa State University shall seek to:

- i. establish a Centre for Research and Development (CRD) to serve as the coordinating unit for all research activities of the university. The centre shall be the secretariat of the University Research Grants Committee and shall serve to keep focus on the research thrusts of the university. The centre shall be headed by an experienced academic as Director;
- ii. encourage research linkages and collaborations with local and foreign universities and research institutions as well as encourage academic staff of the university to engage in collaborative research work;
- iii. encourage research collaborations and linkages between the university and industries and to take steps to advertise the research potentials and outputs of the university to all stakeholders;
- iv. provide the required research facilities such as well-equipped research laboratories, modern library and internet service for optimal performance;
- v. popularise and pursue a clearly defined research agenda that identifies the research priorities of the university; and
- vi. actively solicit additional research grants to support grants made available by the university for research activities as well as encourage staff to seek alternative sources of research funding.

5.2 RESEARCH OBJECTIVES

The research objectives of Jigawa State University are aimed at actualising the research philosophy of the university. The objectives are also aimed at meeting the needs of Jigawa State as well as other stakeholders. The research objectives of Jigawa State University shall be to:

- i. assure that the execution of research in the university is based on excellence by providing excellent research facilities and national and international media for research publication;
- ii. engage staff and students in the research activities of the university so as to build and enhance its research capacity;
- iii. identify, document, disseminate and prioritise the university's research focus in a research agenda document; and
- iv. incorporate and address the societal needs, the needs of the university's immediate community, and those of diverse clientele into the research agenda of the university; and
- v. support research as the foundation for the growth and development of the academic programmes of the university.

5.3 RESEARCH FUNDING

Jigawa State University shall dedicate at least 5% of its annual recurrent grant to funding research. In addition, the university shall vigorously solicit research funds from public and private organisations, philanthropists, international agencies as well as provide consultancy services and engage in commissioned research. This shall be realised by the vigorous solicitation of varied clientele by the University Research Grants Committee through the CRD. To support its research activities, Jigawa State University shall make available and also source general, competitive and commissioned research grants as well as establish some organised research units.

5.3.1 GENERAL RESEARCH GRANTS

Jigawa State University shall support the need for academic staff to meet their promotion requirements by dedicating 2.5% of its annual recurrent grant as general research grants for disbursement to all categories of academic staff. Staff shall be required to submit high-quality research proposal(s) through the CRD to the University Research Grants Committee for approval. An academic staff shall be entitled for a grant a year to the extent that available funds shall allow.

5.3.2 COMPETITIVE RESEARCH GRANTS

Jigawa State University shall support basic and applied researches by setting aside another 2.5% of its annual recurrent grant as research grants to be disbursed to university staff on the basis of competition. Consequently, staff of the university shall be required to submit competitive research proposals in line with the university's priorities. The competitive research grants shall be used as counterpart fund for external research funds attracted by staff. Competitive research grants may be granted to individuals, but more to groups whose efforts are linked in a collaborative manner. Competitive research grants shall also be managed by the University Research Grants Committee and staff shall submit their proposal(s) to the committee through the CRD.

5.3.3 COMMISSIONED RESEARCH GRANTS

Jigawa State University, as a response to the needs and yearnings of its immediate and larger community shall commission the specific research projects as part of its community service. The university shall also commission research at the instance of various stakeholders that fall within the overall research agenda of the university. In all these cases, the support of the university shall be from its competitive research grants based upon sound proposals submitted by intending researchers. Research involving large scale projects shall be carried out with support from the university and others interested stakeholders.

5.4 RESEARCH ADMINISTRATION

To coordinate research activities in Jigawa State University, research committees at the Senate and at the faculty levels shall be established. The overall administration of research at Jigawa State University shall be the responsibility of the University Research Grants Committee, which shall be in charge of the allocation of research grants to staff. In the conduct of its functions, the committee shall have as its secretariat the Centre for Research and Development, which shall be in charge of the day to day administration of research in the university. The committee shall rank and approve research proposals for support in the university. The University Research Grants Committee shall be charged with the following responsibilities:

- i. scrutinising all applications for research grants and approving deserving proposals;
- ii. disbursing research grants to and ensuring accountability by beneficiaries;

- iii. ensuring that each funded research proposal achieves its stated objectives and its findings are widely disseminated;
- iv. ensuring that members of staff whose research efforts attract funding to the university are adequately rewarded; and
- v. sourcing for additional funds for research in addition to the basic annual research provision.

Faculty research committees shall be established by faculties to manage research activities at that level. Staff of Jigawa State University shall present research proposals to the Faculty Research Committee for appraisal prior to such proposals being forwarded to the University Research Grants Committee for consideration and approval.

5.5 ORGANISED RESEARCH UNITS

Jigawa State University shall establish some organised research units to conduct research in areas of special interest to it and its Proprietor. The university shall establish four of such centres and may subsequently establish others as the need arises. The organised research units shall include:

- i. Centre for Arid Zone Studies (CAZS);
- ii. Centre for Developmental Studies (CDS);
- ii. Centre for Energy Studies (CES);
- iv. Centre for Wetland Studies (CWS);
- v. Institute of Agricultural Research and Training (IART); and
- vi. Institute of Border and Transnational Studies (IBTS).

5.5.1 CENTRE FOR ARID ZONE STUDIES (CAZS)

Jigawa State University shall establish a Centre for Arid Zone Studies (CAZS). The purpose of establishing this centre stems from the nature of Jigawa State which is characterised by arid zone as well as wetlands intertwined in a unique environment which requires scientific measures to address the problems of erosion, desertification, and other related environmental issues. The centre shall research into methods of controlling and mitigating environmental problems. The centre shall be closely linked with relevant academic departments of the university and shall use their staff in the conduct of its research. The centre shall be adequately funded to achieve its objectives as well as engage in relevant collaborations. Annual budget line for the centre shall be instituted and guaranteed to ensure that it meets its objectives. The centre shall be head by a Director who shall be appointed by the Vice-Chancellor.

5.5.2 CENTRE FOR DEVELOPMENTAL STUDIES (CDS)

Jigawa State University shall establish a Centre for Developmental Studies (CDS). The centre shall conduct research into the linkages between research and development and shall seek to proffer solutions on the best developmental strategies, goals and targets that should be set and pursued by Jigawa State and Nigeria. The centre shall at all times assess and reassess the developmental options available as well as serve as the think-tank for Government on best policy options for development. The centre shall be closely linked with relevant academic departments of the university and shall use their staff in the conduct of its research. The centre shall be adequately funded to achieve its objectives as well as engage in relevant

collaborations. Annual budget line for the centre shall be instituted and guaranteed to ensure that it meets its objectives. The centre shall be head by a Director who shall be appointed by the Vice-Chancellor.

5.5.3 CENTRE FOR ENERGY STUDIES (CES)

Jigawa State University shall establish a Centre for Energy Research (CES) to conduct research into energy resources, including alternative energy such solar and nuclear energy. The centre shall strive to achieve world-class status and shall be adequately funded to carry out energy research. The budgeting for the centre shall be made as a separate budget line annually. It shall also carry out collaborative researches in this area with other similar centres both in Nigeria and abroad. The centre shall be head by a Director who shall be appointed by the Vice-Chancellor. The centre shall be closely linked with relevant academic departments of the university and shall use their staff in the conduct of its research.

5.5.4 CENTRE FOR WETLAND STUDIES (CWS)

As a result of the abundance of wetlands in Jigawa State used by farmers for Fadama farming, a Centre for Wetland Studies (CWS) shall be established to harness the huge wetland resources of Jigawa State. In view of the agrarian nature of Jigawa people, particularly in relation to irrigation farming, Jigawa State University shall through the Centre for Wetland Studies boost agricultural irrigation for the benefit of the people of the State. The centre shall render academic support services to students of Agriculture and Water Resources Engineering. The centre shall also provide other related services in the field of research and irrigation related farming to the host community. The budgeting for the centre

shall be made as a separate budget line annually. It shall also carry out collaborative researches in this area with other similar centres both in Nigeria and abroad. The centre shall be head by a Director who shall be appointed by the Vice-Chancellor. The centre shall be closely linked with relevant academic departments of the university and shall use their staff in the conduct of its research.

5.5.5 INSTITUTE OF AGRICULTURAL RESEARCH AND TRAINING (IART)

Most of the people of Jigawa State are farmers and agriculture is their main occupation. To ensure that the practice of agriculture is modernised in the State and that farmers are trained and updated with modern techniques of cultivation and breeding an Institute of Agricultural Research and Training (IART) shall be established by Jigawa State University. The budgeting for the institute shall be made as a separate budget line annually. It shall also carry out collaborative researches in this area with other similar centres both in Nigeria and abroad. The institute shall be head by a Director who shall be appointed by the Vice-Chancellor. The institute shall be closely linked with relevant academic departments of the university and shall use their staff in the conduct of its research and training.

5.5.6 INSTITUTE OF BORDER AND TRANSNATIONAL STUDIES (IBTS)

The proximity of Jigawa State to Niger Republic has enhanced cross-border activities between the State and that country. To ensure that such interactions are maximised to the benefit of both countries and that such interactions are conducted with minimal rancor, an Institute for Border and Transnational Studies shall be established by Jigawa State University. The institute shall be the first of its kind in Nigeria and shall also engage in the

training of security personnel and other relevant persons in its area of mandate. The budgeting for the institute shall be made as a separate budget annually. It shall also carry out collaborative researches in this area with other similar centres both in Nigeria and abroad. The institute shall be head by a Director who shall be appointed by the Vice-Chancellor. The centre shall be closely linked with relevant academic departments of the university and shall use their staff in the conduct of its research and training.

CHAPTER SIX: ACADEMIC SUPPORT UNITS

6.0 PREAMBLE

Jigawa State University shall provide academic support units to facilitate teaching and learning when established. The units shall aim at enhancing quality training of students to become well equipped to meet the challenges of the world of work and life after graduation. The units shall also assist to improve the prospects of the students of the university beyond their particular programme of study. The academic support units to be established by the university shall include:

- i. Entrepreneurship Development Section;
- ii. Information Technology Centre;
- iii. University Library;
- iv. Audio-Visual Unit;
- v. General Studies Unit;
- vi. Laboratories, Studios and Workshops;
- vii. Equipment Maintenance Centre (EMC);
- viii. Botanical and Zoological Gardens;
- ix. Students Industrial Work Experience Scheme (SIWES) Unit;
- xi. University Farm; and
- xi. University Teaching Hospital.

6.1 ENTREPRENEURSHIP DEVELOPMENT SECTION

In order to emphasise the production of graduates who are job creators, it is necessary that entrepreneurship skills be inculcated in all students graduating from any Nigerian university, including Jigawa State University. This is to ensure that the guidelines of the National Universities Commission (NUC), which has requested that Nigerian universities mount programmes that shall enable undergraduates acquire entrepreneurial skills, are met. Jigawa State University shall therefore establish an Entrepreneurship Development Section in Phase 1 of its development in the General Studies Unit as part of general studies. The purpose is to produce enterprising, self-determined and adequately skilled graduates capable of meeting the challenges of present day Nigeria.

Jigawa State University shall focus on some of the skills development areas as envisaged by the NUC in the Benchmark Minimum Academic Standards.

6.2 INFORMATION TECHNOLOGY CENTRE (ITC)

Jigawa State University shall establish an Information Technology Centre (ITC) in Phase 1 of its development to facilitate teaching, learning and research. It shall also be used for commercial services to staff and students, and shall serve as a means of revenue generation for the university. Jigawa State University shall also develop a website, while efforts shall be made to provide online registration facilities for students to keep pace with current practices. The following facilities shall be provided by the centre:

- i. campus-wide computer network covering academic, administrative and residential areas including wireless facility;
- ii. Management Information System (MIS); and
- iii. Internet connection.

In addition, the centre shall provide short-term computer courses to all students of Jigawa State University as well as offer consultancy services to other individuals and agencies that may require them. The centre shall provide its services through the acquisition of adequate hardware, software and highly skilled personnel. The Information Technology Centre shall also provide facilities for communication and information services to the university, which shall include:

- i. a campus-wide voice and data exchanges including telephone, facsimile, and radio services; and
- ii. an information packaging and dissemination through radio, television and computer network broadcast, and printing and publications.

6.3 UNIVERSITY LIBRARY

Jigawa State University shall establish a functional library at takeoff to be equipped with the most modern, befitting, state-of-the-art facility. The library shall have collection of books and journals both in hard and electronic forms, and shall reflect all disciplines taught in the university. The library shall deploy e-library facility in its service delivery.

To ensure easy access for all staff and students, the library shall be centrally located on the campus. The library shall have a sitting capacity of 8,500 at full development and shall have about 1,000,000 volumes of books and about 5,000 periodicals titles. The library shall also be equipped with computers that are linked to the Internet as well as provide printers, photocopying machines and binding machines. In addition, the library building shall have the following areas:

- i. an administrative and technical services areas – for the exclusive use of library staff;
- ii. a joint area – for the use of readers and library staff;
- iii. an open public areas – for all library users; and
- iv. a restricted public area – for library users subject to control by library staff. It shall also house reserved books and journals, microfilms, maps, etc.

The library also shall have five divisions, namely: administration division; technical services division; collection development division; readers' services division; and education division. The administration division of the library shall be responsible for the system planning, personnel, finance, and publications activities, while the technical services division shall provide the cataloguing and production, reprography, bindery and private support services. The collection development division shall provide the bibliographic, acquisitions, gifts, exchanges, depository, serials, and documentation services of the library. The readers' services division shall provide the circulation, reservation, reference, library user instruction, and inter-library cooperation services for the library. The education division shall provide academic support services in the area of institutional courses, seminar/workshops and other short courses. In addition to a main University Library, there shall be faculty-based libraries

to be established in the faculties of the university and these shall be stocked with current textbooks, journals and periodicals in their respective disciplines.

Jigawa State University Library shall render the following services to staff and students: loan services; reference services; referral services; photocopying services; binding services; Internet services; library orientation for new students; and inter- library loans. The University Library shall be headed by the University Librarian, who shall be appointed by the Council. The faculty libraries shall be headed by senior librarians with requisite subject matter knowledge pertinent to the preponderant academic discipline of the faculty in addition to adequate training and experience in library administration.

6.4 AUDIO-VISUAL UNIT

Jigawa State University shall establish an Audio-Visual Unit in Phase 1 of its development to provide support services for teaching and research activities. The unit shall serve as a place for the production of teaching and learning materials such as illustrations and slides, scientific tapes and films, video- cassettes, CD-ROMs, and computerised models. It shall also serve as a developing centre for teaching methods and course designs and also provide training for academic staff and students from the Faculty of Education. The unit shall also have provision for instructional technology where basic learning aids shall be produced locally. The unit shall be headed by a Coordinator appointed by the Vice-Chancellor.

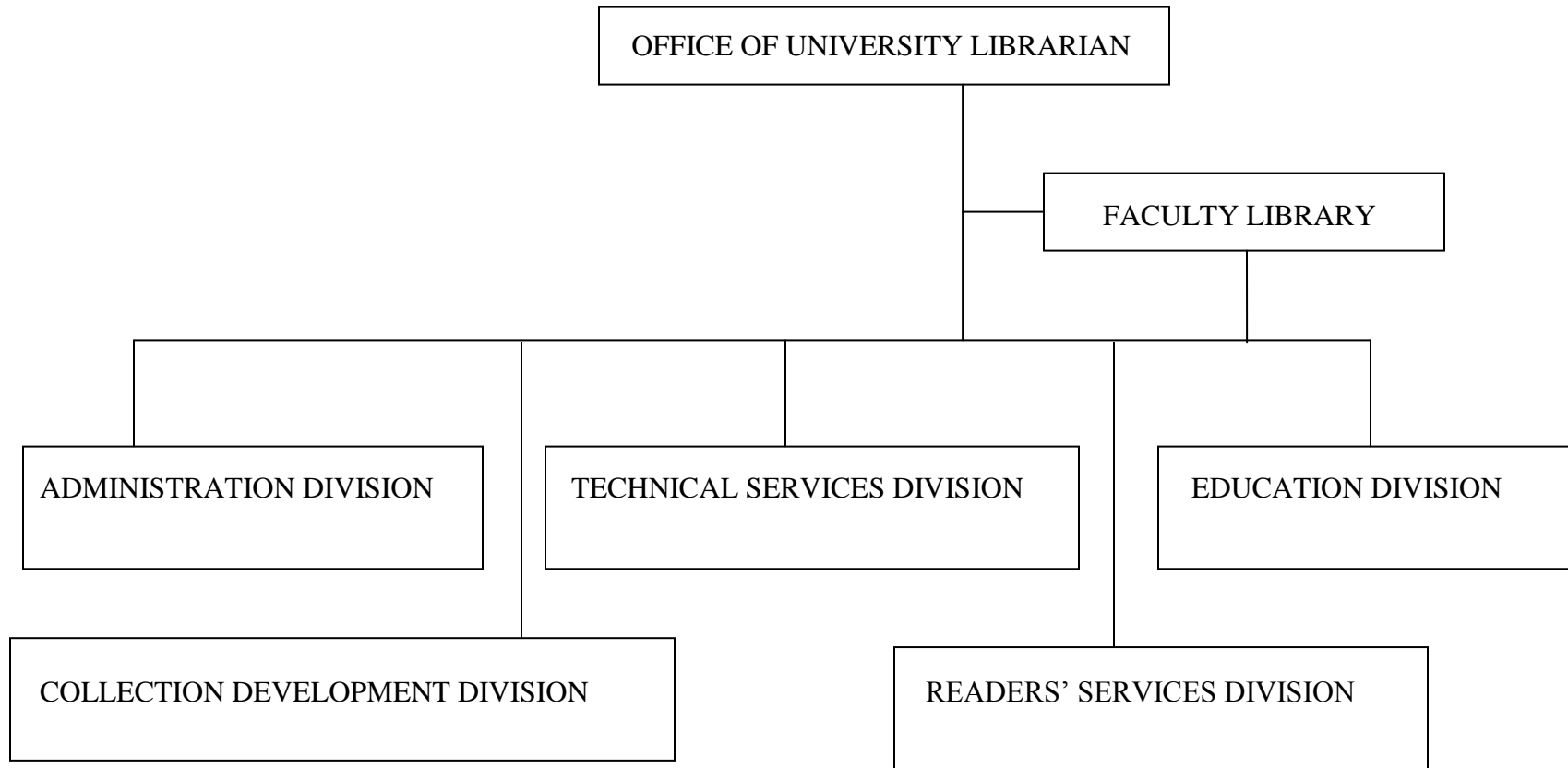


Figure 6.1: Organogram of Jigawa State University Library

6.5 GENERAL STUDIES UNIT

Jigawa State University shall establish a General Studies Unit at takeoff under the School of General and Preliminary Studies to serve as a training ground for effective and practical communication skills, the inculcation of the spirit of independence through the acquirement of entrepreneurial skills, the characteristics of tolerance for the multi-cultural and multi-religious nature of Nigerian society, and the attributes of liberalism and morality among graduates. The objectives of the unit shall be to:

- i. improve the practical skills of students;
- ii. improve the development of communication skills among students;
- iii. enhance students appreciation of their environment and various ethno-religious cultures of society; and
- iv. develop leadership skills through business and partnership training.

The unit shall be headed by a Coordinator, who shall be responsible to the Vice-Chancellor through the Director of the school for the day-today activities relating to general studies courses. The general studies courses shall be as stipulated in the National Universities Commission's approved Benchmark Minimum Academic Standards (BMAS) and described in Chapter Four of this Academic Brief.

6.6 LABORATORIES, STUDIOS AND WORKSHOPS

In order to ensure effective teaching and learning, Jigawa State University shall provide adequate laboratory, studio and workshop spaces and materials in all disciplines requiring them in line with the MAS stipulated for each academic discipline by the NUC. The university shall have at least the following laboratories, studios and workshops in the various faculties based on the NUC benchmarks:

i.	Faculty of Agriculture	-	14 Laboratories
ii.	Faculty of Education	-	3 Laboratories
iii.	Faculty of Engineering	-	8 Laboratories and 8 workshops
iv.	Faculty of Humanities	-	1 Laboratory and 2 Studios
v.	Faculty of Law	-	1 Studio
vi.	Faculty of Medicine	-	22 Laboratories
vii.	Faculty of Natural and Applied Sciences	-	11 Laboratories
viii.	Faculty of Pharmaceutical Sciences	-	8 Laboratories
ix.	Faculty of Social Sciences	-	1 Laboratory
x.	School of General and Preliminary Studies	-	3 Laboratories

The laboratories, studios and workshops of the university shall be provided in the phase of development where the programmes needing them are established starting from Phase 1 to 4. All laboratories, studios and workshops shall be handled by competent and qualified technicians and technologists.

6.7 EQUIPMENT MAINTENANCE CENTRE (EMC)

Jigawa State University shall establish an Equipment Maintenance Centre (EMC) in Phase 1 of its development to provide routine maintenance services for the university's teaching and research equipment and tools. The main functions of the centre shall be to:

- i. prepare, maintain and upgrade a computerised database of all equipment in the university;
- ii. prepare specifications for new equipment and spares to be purchased by the university;
- iii. supervise the installation and commissioning of new equipment;
- iv. fabricate simple equipment and spares;
- v. train technologists and other staff; and
- vi. link with manufacturers and suppliers of scientific equipment for the supply of spare parts and current catalogues.

The centre shall be headed by an academic staff not below the rank of Senior Lecturer in Science or Engineering appointed by the Vice-Chancellor. A seasoned technologist shall be in charge of the daily activities of the centre and shall ensure that the university develops a good maintenance culture.

6.8 BOTANICAL AND ZOOLOGICAL GARDENS

In order to facilitate teaching, learning and research in the areas of Biological Sciences, Jigawa State University shall establish Botanical and Zoological Gardens to serve as teaching support facility for students. The gardens shall also provide source of production of flowers and other ornamentals for the improvement of recreation on the university campus.

The gardens shall be run by a Manager, who shall be a qualified botanist, appointed by the Vice-Chancellor. The Manager shall be assisted by some support staff. The gardens shall be established in Phase 1 of the development of the university.

6.9 STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME (SIWES) UNIT

Jigawa State University shall establish a Students Industrial Work Experience Scheme (SIWES) Unit in Phase 1 of its development to coordinate the participation of students in all professional disciplines in the mandatory industrial attachment. The scheme shall provide students the opportunity to put into practice the theoretical knowledge they have acquired in real industrial environments as opposed to the laboratory experience provided by the university. The scheme shall also provide students the opportunity to prepare for employment after graduation and at the same time serve to improve the course content of academic programmes offered by the university. The unit shall have additional responsibilities to: liaise with NUC and ITF in all matters relating to SIWES; place students in industries and other establishments; visit and supervise students on industrial training; coordinate all other industrial training; pay industrial training allowances; and foster effective contacts and collaboration between the university and industries.

A Coordinator, whose functions shall include liaising with NUC for the smooth conduct of exercise, shall head the unit.

6.10 UNIVERSITY FARM

Jigawa State University shall establish a University Farm in Phase 2 of its development to service students from the Faculty of Agriculture. The farm shall be equipped with facilities to support teaching and research activities in the discipline. The farm shall provide a practical training facility for students of agriculture, and shall also be equipped to meet the research needs of staff and students. It shall also be used for carrying out liaison and extension services to the university's host community. The farm shall engage in farming activities, crops and animals production, and the output shall be sold to members of the university community to generate some revenue for the university.

6.11 UNIVERSITY TEACHING HOSPITAL

Jigawa State University shall establish a University Teaching Hospital in Phase 1 of its development which shall have capacity for 150 beds, and shall provide training for medical students in an environment conducive for health care provision, learning and research. The hospital shall aim at achieving distinction by handling clinical cases with research, and shall extend its services to all. A Chief Medical Director (CMD) shall handle the day-to-day administration of the hospital. The CMD shall be responsible to a Management Board appointed by the Council. The goals of the Jigawa State University Teaching Hospital (JIGSUTH) shall be to:

- i. provide practical training for postgraduate and undergraduate students;
- ii. provide health care services to the local community and the nation at large; and
- iii. conduct research in various medical fields.

CHAPTER SEVEN: SERVICE UNITS

7.0 PREAMBLE

To ensure that it has impacted positively on its host communities, Jigawa State University shall provide adequate service units to enhance the well-being of staff and students as well as those of members of the university's host communities and the general public. In this chapter, the public and community service units that the university shall establish to provide services to its staff, students and host communities to ensure that the university environment is conducive for teaching, learning and research are presented and discussed. The service units of Jigawa State University have been classified under the following headings.

7.1 PUBLIC SERVICE UNITS

Jigawa State University shall establish public service units in its bid to ensure harmonious coexistence with its host communities. These service units shall service staff and students needs as well as the needs of other members of the university environment. It is envisaged that some of these units shall operate as commercial ventures in collaboration with interested private investors with the aim of generating income for the university. The public service units shall include:

- i. Institute of Education;
- ii. Institute of Administration;
- iii. University Staff Schools;
- iv. University Consultancy Unit;

- v. University Bookshop;
- vi. University Printing Press; and
- vii. Conference Centre and Guest Houses.

7.1.1 INSTITUTE OF EDUCATION

Jigawa State University shall establish an Institute of Education in Phase 2 of its development as public service unit. The institute shall manage the sandwich programmes of the Faculty of Education as well as offer short-term courses in education. When completely developed, the institute shall be fund generating setup for the university by providing services to students and members of the general public who may so wish to benefit from the courses offered by the institute.

The institute shall be headed by a Director appointed by the Vice-Chancellor from amongst the academic staff of the university with confirmed capacity. The Director shall be responsible to the Vice-Chancellor through institute's Board.

7.1.2 INSTITUTE OF ADMINISTRATION

Jigawa State University shall establish an Institute of Administration in Phase 2 of its development as public service unit. The institute shall manage the part-time programmes of the Faculty of Management Sciences as well as offer short-term courses in administration and management. When completely developed, the institute shall be fund generating setup for the university by providing services to students and members of the general public who may so wish to benefit from the courses offered by the institute.

The institute shall be headed by a Director appointed by the Vice-Chancellor from amongst the academic staff of the university with confirmed capacity. The Director shall be responsible to the Vice-Chancellor through institute's Board.

7.1.3 UNIVERSITY STAFF SCHOOLS

In order to make the university very attractive, Jigawa State University shall establish in Phase 2 of its development university staff schools both at the primary and secondary school levels. The rationale for establishing these schools is to facilitate the attraction and retention of quality and high caliber academic staff by way of providing their children and wards with high quality education at these levels of schooling. The schools are also expected to serve as feeder schools for students to be admitted into the university. However, admissions into both primary and secondary staff schools shall be extended to the university's host communities. It is envisaged that the staff schools shall be self-sustaining and ease the burden on university funds.

7.1.4 UNIVERSITY CONSULTANCY SERVICES UNIT

The Jigawa State Government is aware of the magnitude of funds required to run a university, hence, the funding of the university shall not be left solely as its responsibility and on fees that students shall pay. In this regard, the university shall establish a University Consultancy Services Unit at takeoff to augment the university's sources of income. The unit shall be a limited liability company which shall solicit and coordinate all consultancy jobs to be handled by the university. The unit shall be independent of the university and distinct from

other academic units, but shall be free to engage the services of the university academic staff in its bid to realise its objectives. Proceeds from this unit shall be shared between the university and the participating staff according to an agreed formula. The unit shall be headed by a Director, who shall be appointed by the Vice-Chancellor. The major goals of the University Consultancy Services Unit shall be to:

- i. provide professional expertise and services to all clients who may wish to engage its services;
- ii. contribute additional funding to the university; and
- iii. provide community service to the university's immediate environment and to serve as a means for university staff to make extra earnings for themselves and for the university.

7.1.5 UNIVERSITY BOOKSHOP

To facilitate access to current books and journals by staff and students of Jigawa State University, a University Bookshop shall be established in Phase 1 of its development. The bookshop shall operate as a business outfit to be managed by an independent committee. It is expected that the bookshop shall provide staff and students with relevant text materials as well as other relevant books, stationeries, greeting cards and other gift items. The bookshop shall also serve as a means of providing other goods and services, which shall enable it make profit.

The bookshop shall be headed by a Bookshop Manager to be appointed by the Vice-Chancellor.

7.1.6 UNIVERSITY PRINTING PRESS

A Jigawa state University Printing Press shall be established in Phase 3 of its development either independently or in partnership with interested entrepreneurs. The printing press shall engage itself in the production of academic materials such as the university calendar, student and staff handbooks, bulletins, inaugural lectures, textbooks, journals, monographs, examination answer booklets, etc. The printing press shall also receive profitable jobs from members of the public.

The printing press shall function as a company run by an autonomous board, to be appointed by the Vice-Chancellor.

7.1.7 CONFERENCE CENTRE AND GUEST HOUSES

As a centre of learning, Jigawa State University aspires to attract seminars and conferences both nationally and internationally. In this regards, therefore, the university shall establish a Conference Centre and Guest Houses in Phase 2 of its development to provide facilities that shall promote academic activities and also generate income for the university. The centre shall have an auditorium with adequate capacity for guests. The centre shall be well furnished and equipped and made conducive for conferences, seminars, symposia as well as to accommodate external examiners, other important university guests and newly recruited staff waiting to secure permanent accommodation in the university. Jigawa State University shall establish the centre, which shall be managed on commercial basis. The guest houses shall constitute a series of apartment lodges that shall accommodate very important guests of the university and shall be run by the Catering Services Unit.

7.2 COMMUNITY SERVICE UNITS

To ensure the provision of a comfortable, secure and healthy campus environment, the Jigawa State University shall establish the following community service units:

- i. Catering Services Unit;
- ii. Medical Centre;
- iii. Academic Planning Unit;
- iv. Works, Physical Planning and Development Unit;
- v. Places of Worship;
- vi. Sport and Recreation Complex;
- vii. Security Unit; and
- viii. Students' Centre.

7.2.1 CATERING SERVICES UNIT

Jigawa State University shall engage the services of reputable professional caterers to provide catering services at reasonable cost to students and at the University Conference Centre and Guest Houses. Jigawa State University shall ensure that the quality and cost of catering services remains reasonable by making available the space and physical structures required at no cost to the caterers. However, the university shall establish a Catering Services Unit in Phase 1 of its development to monitor the effective and efficient delivery of catering services to the university community.

7.2.2 MEDICAL CENTRE

The management of Jigawa State University is conscious of the health of its staff and students. Hence, the university shall establish a standard Medical Centre on campus at inception to ensure efficient health services delivery system for both staff and students. The centre shall provide facilities for out-patients, consulting and accommodation for in-patients in wards for short period of stay with at least a 10-bed space capacity. The centre shall be equipped with qualified doctors, nurses and a laboratory for effective handling of minor ailments. Serious medical cases shall, however, be referred to the specialist hospital, Dutse or to Aminu Kano Teaching Hospital, Kano. However, referrals shall be made to the Jigawa State University Teaching Hospital when the Faculty of Medicine is fully functional. The objectives of the Medical Centre shall be to:

- i. provide basic medical services to staff and students of the university and refer serious medical cases;
- ii. provide and encourage the maintenance of sanitary and clean environment on campus;
- iii. help control pests and vectors on campus; and
- iv. render such other health care services as may arise from time to time.

The centre shall be headed by a Director who shall be a qualified medical doctor appointed by the Vice-Chancellor.

7.2.3 ACADEMIC PLANNING UNIT

The Jigawa State University shall establish an Academic Planning Unit at inception, which shall be responsible for academic planning and development in the university. The unit shall be the custodian of the university's Academic Brief and shall guide its proper implementation. The unit shall be responsible for the regular evaluation of the performance of the academic programmes of the university and shall advise management on areas requiring attention for improvement.

The unit shall be headed by a Director appointed by the Vice-Chancellor.

7.2.4 WORKS, PHYSICAL PLANNING AND DEVELOPMENT UNIT

The Jigawa State University shall establish a Works, Physical Planning and Development Unit at inception to be charged with the responsibility for the physical planning and development as well as maintenance services in the university. The unit shall be the custodian of the university's Master Plan, and shall guide its proper implementation. The unit shall be responsible for:

- i. the maintenance of all infrastructure of the university; and
- ii. the supervision of the construction of buildings and other infrastructure as well as oversee the work of consultants.

The unit shall be headed by a Director appointed by the Vice-Chancellor, who shall be appropriately qualified in construction and building.

7.2.5 PLACES OF WORSHIP

The inculcation of religious and moral values in the university system cannot be over emphasised. Accordingly, suitable places shall be provided in desirable locations on campus of Jigawa State University in Phase 1 of its development to serve as places of worship for staff and students to facilitate the discharge of their religious obligations. It is hoped that religious activities in the university shall assist the shaping of staff and students character and make them dependable citizens.

7.2.6 SPORTS AND RECREATION COMPLEX

It is expected that the Jigawa State University shall provide adequate sporting and recreation facilities on campus to ensure that both staff and students are healthy and sound in body and mind. Thus, the university shall establish a Sports and Recreation Complex at inception to serve as avenue for entertainment and reducing stress as well as redirecting students' attention away from vices. The objectives of the complex shall include to:

- i. provide staff and students facilities for sports and relaxation and enhance competition and friendship;
- ii. provide staff and students means of maintaining good health through physical fitness;
and
- iii. provide staff and students means to ease tension and to relax.

7.2.7 SECURITY UNIT

Jigawa State University shall establish a functional and effective Security Unit in the university at takeoff, which shall be under the direct supervision of the Vice-Chancellor. The unit shall provide security to the university and members of its community as well as protect university property from theft and damage. The Security Unit shall be well-staffed, well-maintained and properly funded to meet the demands of modern day security requirements. It shall be provided with modern security gadgets to facilitate its activities.

The Security Unit shall be headed by a Chief Security Officer with a military, police or paramilitary background, who shall be appointed by the Vice-Chancellor.

7.2.8 STUDENTS' CENTRE

The Jigawa State University shall establish a Students' Centre in Phase 1 of its development in collaboration with interested entrepreneurs to provide, barbing, dry cleaning, laundry, photographic and other related services to the students. The centre may be run by independent service providers, while the university monitors their activities through the Students Affairs Division. The university may also explore the possibilities of getting some financial institutions to donate the centre.

CHAPTER EIGHT: PATTERN OF GROWTH

8.0 PREAMBLE

The students and staff populations of Jigawa State University covering the duration of this Academic Brief and at full maturity of the university is discussed in this chapter. Also, the assumptions made in determining the populations are presented in this chapter. It is expected that the university shall commence academic activities in the 2013/14 session with Remedial and Preliminary Studies programmes in Arts and Science in the School General and Preliminary Studies as well as 20 undergraduate programmes in 4 faculties and 15 departments. At full maturity, after twenty years of establishment, the university shall have established 10 faculties, 70 departments, 68 undergraduate programmes, and 188 postgraduate programmes, a School of General and Preliminary Studies, and a School of Postgraduate Studies. The staff and students projections of Jigawa State University are computed based on NUC guidelines.

8.1 FULL-TIME STUDENT ENROLMENT

The number of students of Jigawa State University that shall study on a full-time basis is projected to increase from 1,000 by Year 1 to about 9,901 by Year 10, covering Phases 1 and 2 of the growth and development of the university. The total full-time student enrolment of the university is computed as 17,366 at full growth of the university. Table 8.1 below provides the summary of full-time students' enrolment, while the details of the full-time student enrolments by faculty, department and programme are shown in Table 1 of the Appendix.

8.1.1 FULL-TIME REMEDIAL AND PRELIMINARY STUDIES ENROLMENT

Students' enrolment into the Remedial and Preliminary Studies programmes of Jigawa State University shall be 500 during Phase 1 of the development of the university. The enrolment into the Remedial and Preliminary Studies programmes shall increase to 600 during Phase 2 of the development of the university and shall reach 700 at its ultimate. The Remedial and Preliminary Studies programmes enrolment shall be 700 so for as long as the programmes exist as shown in Table 8.1 below. The Remedial and Preliminary Studies programmes enrolment represents 50.0%, 6.1% and 4.0% of the total full-time student enrolment in Year 1, by Year 10 and at full maturity respectively. Details of the Remedial and Preliminary Studies programmes enrolments are shown in Table 1 of the Appendix.

8.1.2 FULL-TIME UNDERGRADUATE STUDENT ENROLMENT

The number of undergraduate students of Jigawa State University that shall study on a full-time basis is projected to increase from 500 (50.0% of full-time student enrolment) by Year 1 to 8,395 (84.8% of full-time student enrolment) by Year 10, covering Phases 1 and 2 of the development of the university. The total full-time undergraduate enrolment of the university shall be 13,730 at full growth of the university (79.1% of full-time student enrolment) as shown in Table 8.1 below. The details of the full-time undergraduate enrolments are shown in Table 1 of the Appendix.

8.1.3 FULL-TIME POSTGRADUATE STUDENT ENROLMENT

Jigawa State University shall commence full-time postgraduate programmes during Phase 2 of the development of the university, starting by Year 6. This shall be in departments that were established in Phase 1 whose programmes have attained full accreditation status. A total of 336 students shall commence postgraduate studies on a full-time basis during Year 6 representing 6.6% of total full-time students' enrolment. The number of full-time postgraduate students shall grow to 906 by Year 10 and ultimately reach 2,936 at the full maturity of the university. This represents 9.2% and 16.9% of full-time students' enrolments respectively as shown in Table 8.1 below. The details of full-time postgraduate enrolments are shown in Tables 1 and 3 of the Appendix.

Table 8.1: Summary of Full-Time Student Enrolment

Year	Rem. & Prem.	% Rem. & Prem.	Undergraduate	% UG	Postgraduate	% PG	Total
Year 1	500	50.0	500	50.0	0	0.0	1,000
Year 2	500	33.3	1,000	66.7	0	0.0	1,500
Year 3	500	21.8	1,795	78.2	0	0.0	2,295
Year 4	500	15.6	2,715	84.4	0	0.0	3,215
Year 5	500	14.0	3,075	86.0	0	0.0	3,575
Year 6	600	11.7	4,180	81.7	336	6.6	5,116
Year 7	600	9.1	5,355	80.8	672	10.1	6,627
Year 8	600	7.5	6,555	82.2	822	10.3	7,977
Year 9	600	6.5	7,755	84.3	846	9.2	9,201
Year 10	600	6.1	8,395	84.8	906	9.2	9,901
Ultimate	700	4.0	13,730	79.1	2,936	16.9	17,366

8.2 PART-TIME STUDENT ENROLMENT

Jigawa State University is expected not to commence part-time academic programmes during the period covered by this academic brief. However, the university shall ultimately run part-time programmes at the undergraduate level in all Arts-based disciplines except Law, and at the postgraduate level for all programmes in all faculties. The part-time student population is projected to be 7,244 at full growth of the university. Table 8.2 below provides the summary of part-time students' enrolment, while the details of the part-time student enrolments by faculty, department and programme are shown in Table 2 of the Appendix.

8.2.1 PART-TIME REMEDIAL AND PRELIMINARY STUDIES ENROLMENT

Jigawa State University shall not run part-time Remedial and Preliminary Studies programmes. Thus, no students shall be enrolled into these programmes on part-time basis

8.2.1 PART-TIME UNDERGRADUATE STUDENT ENROLMENT

The number of part-time undergraduate students of Jigawa State University that shall study on a part-time basis is projected as 5,400 at the full growth of the university, representing 74.5% of the total part-time students' enrolment as shown in Table 8.2 below. Details of the part-time undergraduate enrolment are shown in Table 2 of the Appendix.

8.2.2 PART-TIME POSTGRADUATE STUDENT ENROLMENT

The number of part-time postgraduate students of Jigawa State University that shall study on a part-time basis is projected to be 1,844 at the full growth of the university, representing 25.5% of the total part-time students' enrolment as shown in Table 8.2 below. Details of the part-time postgraduate students' enrolment are shown in Tables 2 and 4 of the Appendix.

Table 8.2: Summary of Part-Time Student Enrolment

Year	Rem. & Prem.	% Rem. & Prem.	Undergraduate	% UG	Postgraduate	% PG	Total
Year 1	0	0.0	0	0.0	0	0.0	0
Year 2	0	0.0	0	0.0	0	0.0	0
Year 3	0	0.0	0	0.0	0	0.0	0
Year 4	0	0.0	0	0.0	0	0.0	0
Year 5	0	0.0	0	0.0	0	0.0	0
Year 6	0	0.0	0	0.0	0	0.0	0
Year 7	0	0.0	0	0.0	0	0.0	0
Year 8	0	0.0	0	0.0	0	0.0	0
Year 9	0	0.0	0	0.0	0	0.0	0
Year 10	0	0.0	0	0.0	0	0.0	0
Ultimate	0	0.0	5,400	74.5	1,844	25.5	7,244

8.3 FULL-TIME NEW ENTRANTS STUDENT ENROLMENT

The annual population of full-time new entrants' degree (undergraduate and postgraduate) students to be admitted by Jigawa State University is projected to increase from 500 by Year 1 to 2,646 by Year 10. The total full-time new entrants' enrolment will peak at 4,894 at the full growth of the university. The summary of the full-time new entrants' enrolments are shown in Table 8.3 below, while details of the full-time new entrants' enrolments by faculty, department and programme are shown in Table 5 of the Appendix.

8.3.1 FULL-TIME UNDERGRADUATE NEW ENTRANTS ENROLMENT

The annual full-time undergraduate new entrants' of Jigawa State University is projected to increase from 500 (100% of full-time degree new entrants enrolment) by Year 1 to 2,085 (78.8% of total full-time degree new entrants' enrolment) by Year 10. The total full-time undergraduate new entrants' enrolment of the university is computed as 3,200 at full growth of the university (65.4% of total full-time degree new entrants' enrolment) as shown in Table 8.3 below. Details of the full-time undergraduate new entrants' enrolment are shown in Table 5 of the Appendix.

8.3.2 FULL-TIME POSTGRADUATE NEW ENTRANTS ENROLMENT

The annual full-time postgraduate new entrants' of Jigawa State University is projected to increase from 336 (16.4% of full-time degree new entrants enrolment) in Year 6 to 561 by Year 10 (21.2% of total full-time degree new entrants' enrolment). The full-time postgraduate new entrants' of the university is computed as 1,694 at full growth of the university (34.6% of full-time degree new entrants' enrolment) as shown in Table 8.3 below. Details of the full-time postgraduate new entrants' enrolment are shown in Table 5 of the Appendix.

Table 8.3: Summary of Full-Time New Entrants Student Enrolment

Year	Undergraduate	% UG	Postgraduate	% PG	Total
Year 1	500	100.0	0	0.0	500
Year 2	500	100.0	0	0.0	500
Year 3	770	100.0	0	0.0	770
Year 4	895	100.0	0	0.0	895
Year 5	895	100.0	0	0.0	895
Year 6	1,710	83.6	336	16.4	2,046
Year 7	1,835	81.4	420	18.6	2,255
Year 8	1,975	79.6	507	20.4	2,482
Year 9	2,085	80.4	507	19.6	2,592
Year 10	2,085	78.8	561	21.2	2,646
Ultimate	3,200	65.4	1,694	34.6	4,894

8.4 PART-TIME NEW ENTRANTS STUDENT ENROLMENT

The annual part-time new entrants' degree population of Jigawa State University is projected to be 1,968 at the full growth of the university. The summary of the part-time new entrants' enrolments is shown in Table 8.4 below, while details of the part-time degree new entrants' enrolment by faculty, department and programme are shown in Table 6 of the Appendix.

8.4.1 PART-TIME UNDERGRADUATE NEW ENTRANTS ENROLMENT

The population of part-time undergraduate new entrants' students of Jigawa State University is projected to be 1,080 (54.9% of part-time degree new entrants' enrolment) at the full growth of the university as shown in Table 8.4 below. However, no part-time undergraduate student shall be admitted during the lifespan of this Academic Brief. Details of the part-time undergraduate new entrants' enrolment are shown in Table 6 of the Appendix.

8.4.2 PART-TIME POSTGRADUATE NEW ENTRANTS ENROLMENT

The population of part-time postgraduate new entrants' of Jigawa State University is projected to be 888 at the full maturity of the university (45.1% of part-time degree new entrants' enrolment) as shown in Table 8.4 below. However, no part-time postgraduate student shall be admitted during the lifespan of this Academic Brief. Details of the part-time postgraduate new entrants' enrolment are shown in Table 6 of the Appendix.

Table 8.4: Summary of Part-Time New Entrants Student Enrolment

Year	Undergraduate	% UG	Postgraduate	% PG	Total
Year 1	0	0	0	0	0
Year 2	0	0	0	0	0
Year 3	0	0	0	0	0
Year 4	0	0	0	0	0
Year 5	0	0	0	0	0
Year 6	0	0	0	0	0
Year 7	0	0	0	0	0
Year 8	0	0	0	0	0
Year 9	0	0	0	0	0
Year 10	0	0	0	0	0
Ultimate	1,080	54.9	888	45.1	1,968

8.5 TOTAL STUDENT ENROLMENT

The total student enrolment of Jigawa State University comprising the full-time and part-time enrolments is projected to increase from 1,000 by Year 1 to about 9,901 by Year 10, covering Phases 1 and 2 of the growth and development of the university. The total student enrolment of the university is computed as 24,610 at full growth of the university. Table 8.5 below provides the summary of total students' enrolment, while the details of the total student enrolments by faculty, department and programme are shown in Tables 1 and 2 of the Appendix.

Table 8.5: Summary of Total Student Enrolment

Year	Full-Time	% FT	Part-Time	% PT	Total
Year 1	1,000	100.0	0	0.0	1,000
Year 2	1,500	100.0	0	0.0	1,500
Year 3	2,295	100.0	0	0.0	2,295
Year 4	3,215	100.0	0	0.0	3,215
Year 5	3,575	100.0	0	0.0	3,575
Year 6	5,116	100.0	0	0.0	5,116
Year 7	6,627	100.0	0	0.0	6,627
Year 8	7,977	100.0	0	0.0	7,977
Year 9	9,201	100.0	0	0.0	9,201
Year 10	9,901	100.0	0	0.0	9,901
Ultimate	17,366	70.6	7,244	29.4	24,610

As a general policy, Jigawa State University shall ensure that its students' population is divided into about 70.6% full-time students and 29.4% part-time students as shown in Table 8.5 above.

8.6 FULL-TIME EQUIVALENT (FTE)

The Full-Time Equivalent (FTE) students' populations of all undergraduate programmes are calculated based on approved courses stipulated by the National Universities Commission in the Benchmark Minimum Academic Standard (BMAS) documents taken within and outside the department housing the programme. The populations also take into account other courses that may be prescribed outside the BMAS by the departments. The FTE undergraduate students' projections of Jigawa State University are as shown in Tables 1 and 2 of the Appendix. The FTE students' populations of all postgraduate programmes are calculated on an equal basis with the headcount enrolment figures as shown in Tables 1, 2, 3, and 4 of the Appendix. The FTE for a programme in a year is derived using the following formula:

$$\text{FTE} = \frac{\sum_{i=1}^k C_i N_i}{A}$$

where C_i = credit unit of the i^{th} course
 N_i = headcount of students registered in the i^{th} course
 A = average number of course units per year registered for by students

$$A = \frac{\sum_{j=1}^m L_j}{M}$$

where L_j = number of units registered for by student j and m is the total number of students
 M = total number of courses run by the department during the year

8.7 STUDENT POPULATION GROWTH RATE

The full-time students' enrolment is expected to grow at an average annual rate of 27.0% during Phases 1 and 2 of the growth of Jigawa State University. The actual annual rate is expected to decrease from 50.0% in Year 2 to 11.2% by the end of Phase 1. The annual growth rate is expected to increase 43.1% at the beginning of Phase 2 and decrease to 7.6% by the end of Phase 2. The fluctuations in the annual growth rate of Jigawa State University during its early development are a result of the establishment of new faculties, departments and programmes as the university grows. The fluctuations in annual growth rate shall continue until the university attains full maturity. At full maturity the annual growth rate shall be zero as the numbers of admitted and graduating students becomes equal. The full-time students' population annual growth rate for each year is shown in Table 8.6 below. The population of part-time students is also expected to follow a similar pattern of annual growth observed for full-time students' population, when the university mounts part-time programmes.

Table 8.6: Full-Time Students Population Growth Rate Projections

Year	Full-Time Student Population	Growth Rate (%)
Year 1	1,000	-
Year 2	1,500	50.0
Year 3	2,295	53.0
Year 4	3,215	40.1
Year 5	3,575	11.2
Year 6	5,116	43.1
Year 7	6,627	29.5
Year 8	7,977	20.4
Year 9	9,201	15.3
Year 10	9,901	7.6
Ultimate	17,366	0.0
10-year Average		27.0

8.8 SCIENCE TO ARTS RATIO

The guidelines for admissions into Nigerian universities require universities to reflect a 60% Science to 40% Arts ratio in their students' admissions. Jigawa State University shall implement this guideline for students' admissions into full-time programmes in view of the need for the rapid socio-economic and technological development of Jigawa State.

The Science to Arts ratio at the commencement of academic activities shall be 40:60 and shall fluctuate during the growth of the academic programmes of the university. The ratio shall stabilise at about the stipulated 61.1:38.9 in favour of Science-based programmes at the ultimate growth of the university as shown in Table 8.7 below.

Table 8.7: Science to Art Ratios for Full-Time Students Population

Year	Student Population	Science Population	% Science Population	Arts Population	% Arts Population
Year 1	1,000	400	40.0	600	60.0
Year 2	1,500	550	36.7	950	63.3
Year 3	2,295	845	36.8	1,450	63.2
Year 4	3,215	1,215	37.8	2,000	62.2
Year 5	3,575	1,450	40.6	2,125	59.4
Year 6	5,116	2,227	43.5	2,889	56.5
Year 7	6,627	2,944	44.4	3,683	55.6
Year 8	7,977	3,678	46.1	4,299	53.9
Year 9	9,201	4,317	46.9	4,884	53.1
Year 10	9,901	4,757	48.0	5,144	52.0
Ultimate	17,366	10,603	61.1	6,763	38.9

8.9 STAFF PROJECTIONS

8.9.1 ACADEMIC STAFF PROJECTIONS

The populations of academic staff of all categories for Jigawa State University are determined based on the NUC stipulated minimum teacher to students' ratios described in Chapter Four of this Academic Brief. The teachers to students' ratios used are: 1:30 for Faculties of Education, Humanities, Law, Management Sciences, and Social Sciences; 1:20 for Faculty of Natural and Applied Sciences; 1:15 for Faculties of Agriculture, Engineering, and Pharmaceutical Sciences; and 1:10 for the Faculties of Medicine. In addition, a minimum of 6 academic staff per department is used at the commencement of academic activities in all departments and programmes where the number of academic staff based on the teacher to students' ratio is less than 6.

The number of academic staff of the university is expected to increase from 160 in Year 1 to 627 by Year 10. The academic staff population at full maturity of the university is expected to reach 1,160 as summarised in Table 8.8 below. Details of the academic population staff by rank and year are shown in Table 7 of the Appendix.

Table 8.8: Summary of Academic Staff Projections

Year	Professors and Readers	Senior Lecturers	Lecturers I and Below	Total
Year 1	28	54	78	160
Year 2	28	54	78	160
Year 3	48	90	124	262
Year 4	57	104	139	300
Year 5	60	106	141	307
Year 6	101	184	253	538
Year 7	101	192	259	552
Year 8	106	198	266	570
Year 9	113	205	275	593
Year 10	118	226	283	627
Ultimate	236	408	516	1,160

8.9.2 NON-ACADEMIC STAFF PROJECTIONS

The population of non-academic staff of all categories has also been determined using NUC stipulations. The number of non-academic staff of the university is expected to increase from 385 in Year 1 to 1,803 by Year 10. The non-academic staff population at full maturity of the university is expected to reach 2,591 as summarised in Table 8.9 below. Details of the non-academic population staff by rank and year are shown in Table 8 of the Appendix.

Table 8.9: Summary of Non-Academic Staff Projections

Year	Senior Tech.	Senior Admin. Non-Sec.	Senior Admin. Sec.	Junior Tech.	Junior Non-Tech	Total
Year 1	41	50	47	125	122	385
Year 2	41	58	51	134	128	412
Year 3	78	87	78	237	199	679
Year 4	88	98	88	319	253	846
Year 5	89	102	91	347	272	901
Year 6	157	147	140	518	421	1,383
Year 7	159	166	152	543	436	1,456
Year 8	163	182	163	536	492	1,536
Year 9	173	196	173	702	541	1,785
Year 10	183	205	178	701	536	1,803
Ultimate	314	257	225	1041	754	2,591

8.10 RESIDENTIAL PATTERN

Jigawa State University shall be a partially residential institution. Student accommodation shall be made available for 100% of students on campus at takeoff to the extent that shall be feasible, while at ultimate growth 50% of students shall be accommodated on campus. The university shall explore the possibility of inviting private developers to construct hostels on campus on a Build-Operate-Transfer (BOT) mode. The university shall organise the provision of catering services for students accommodated on campus in collaboration with professional caterers.

Jigawa State University shall provide residential accommodation for 20% of its staff including its principal officers and staff with essential duties. The university may consider paying lump sum accommodation allowance to the remaining staff of the university to enable them secure accommodation to the extent that shall be feasible.

8.11 CAMPUS POPULATION

The total campus population of Jigawa State University at full maturity comprising all students, full-time and part-time, and staff of the university shall be about 32,700 for all categories and about 13,500 for residential categories.

CHAPTER NINE: COST ESTIMATES

9.0 PREAMBLE

The sources of income for Jigawa State University and the incomes that shall be generated from these sources to offset the projected costs for running the university shall be discussed hereunder. The costs shall cover the recurrent and capital expenditures of the university. The income and cost covering the duration of this Academic Brief as well as the full growth of the university are presented. The recurrent costs are those associated with staff salaries and non-salary personnel emoluments (NSPE) as well as costs for the procurement of goods and services. The capital costs are those associated with construction and furnishing of buildings, provision of facilities as well as the procurement of other capital assets such as vehicles, equipment, etc. The estimated costs and their distribution across the various segments are based on the minimum and maximum guidelines stipulated by NUC.

9.1 SOURCES OF INCOME

9.1.1 GRANTS FROM JIGAWA STATE GOVERNMENT

Jigawa State and its Local Governments shall be the major sources of funding for Jigawa State University. Contributions from the Local Government Councils shall be 2% of their total monthly statutory allocations. There shall also be other sources of funding as stipulated or permitted by the University Law. The grants from Jigawa State and its Local Governments shall include the main recurrent grant, research grant, direct teaching and laboratory cost, library development grant, staff development grant, capital grant, and teaching and research equipment grant.

9.1.2 INTERNALLY GENERATED REVENUE (IGR)

Jigawa State University shall generate funds internally right from inception and considering that the university is State-owned and new, Jigawa State University may not immediately meet the NUC stipulated minimum guideline of internally generating 10% of total recurrent costs. The university shall generate internal revenue from the following sources:

- i. Students' tuition and other charges;
- ii. Investment income;
- iii. Endowment, gifts and donations; and
- iv. Other incomes.

i. Students' Tuition and Other Charges

The students' tuition and other charges of Jigawa State University shall take into account the capacity of students, their parents and guardians as well as the goal of the State Government to provide affordable university education for its people. The fees are to ensure that students, their parents and guardians make significant contribution towards the sustainability of the university. The objective is also to protect the future of the university during times of decreasing Government support and funding without engendering unnecessary crises connected with the introduction of fees in public universities in Nigeria. In addition, the fees to be charged shall vary depending on whether a student is an indigene of Jigawa State or not as well as the type of programme being studied.

Jigawa State University shall charge reasonable fees to enable it to raise internally generated revenue. For indigenes of the State offering Arts-based programmes there shall be a fee to be determined by the Senate and approved by the Council or the Visitor whenever a Council has not been constituted, per student, per session. State indigenes offering Science-based programmes shall pay twice the rate paid by Arts-based students, per student, per session. Jigawa State Government shall pay 75% of these fees to the university as subsidy, while parents shall contribute the balance of 25% for the first five years. This may be reviewed in subsequent years as the situation may determine. For the computation of income from students for this Academic Brief, it is assumed that Jigawa State University shall charge an indigene full-time undergraduate Arts-based student the following fees each session:

<u>FEE</u>	<u>AMOUNT (N)</u>
Acceptance	1,000.00
Bed Space	3,000.00
Caution Deposit	500.00
Certificate Verification	500.00
Development Levy	1,000.00
Examination	1,000.00
Hostel Maintenance	1,000.00
I.D. Card	500.00
Laboratory/Workshop/Studio	1,000.00
Library	1,000.00
Matriculation	1,000.00
Medical Services Registration	1,000.00
Orientation/Student Information Handbook	1,000.00
Registration	2,000.00
Sports	500.00
M.I.S. Registration	500.00
Field Work/Excursion	1,500.00
Tuition	10,000.00
Total	28,000.00

Non-indigenes offering Arts-based programmes shall pay twice the rate for indigenes only per session, while their counterparts offering Science-based programmes shall pay twice the rate for indigenes only per session. Students from foreign countries are to pay three times

(300%) the rate for non-indigenes and five times (500%) the rate for non-indigenes for Arts-based and Science-based programmes respectively. Remedial and Preliminary students shall pay fees that shall be 30% higher than the corresponding undergraduate students, while postgraduate students shall pay fees that shall be 50% higher than the corresponding undergraduate students. This shall subject to review from time to time. The brake down of the fees to be charged for the different categories of students are as follows:

<u>Category of Student</u>	<u>Indigene</u> <u>(N)</u>	<u>Non-Indigene</u> <u>(N)</u>	<u>Foreign</u> <u>(N)</u>
Arts-based Undergraduate	28,000.00	56,000.00	168,000.00
Science-based Undergraduate	56,000.00	112,000.00	560,000.00
Arts-based Postgraduate	42,000.00	84,000.00	252,000.00
Science-based Postgraduate	84,000.00	168,000.00	840,000.00
Arts Remedial and Preliminary Programmes	36,400.00	72,800.00	218,400.00
Science Remedial and Preliminary Programmes	72,800.00	145,600.00	728,000.00

The estimated incomes from students' fees for the duration of this Academic Brief, based on the assumption that 95%, 3% and 2% of students shall be indigenes, non-indigenes and foreigners respectively, are shown in Table 9.1 below.

Table 9.1: Estimate of Income from Students' Tuition and Other Charges

Year	Rem. & Prem. Students (N)	Undergraduate Students (N)	Postgraduate Students (N)	Total (N)
Year 1	32,359,600.00	21,280,000.00	0.00	53,639,600.00
Year 2	32,359,600.00	42,476,000.00	0.00	74,835,600.00
Year 3	32,359,600.00	78,344,000.00	0.00	110,703,600.00
Year 4	32,359,600.00	120,624,000.00	0.00	152,983,600.00
Year 5	32,359,600.00	140,700,000.00	0.00	173,059,600.00
Year 6	38,766,000.00	199,304,000.00	19,847,520.00	257,917,520.00
Year 7	38,766,000.00	259,728,000.00	39,695,040.00	338,189,040.00
Year 8	38,766,000.00	322,504,000.00	49,739,760.00	411,009,760.00
Year 9	38,766,000.00	382,480,000.00	52,179,120.00	473,425,120.00
Year 10	38,766,000.00	402,612,000.00	58,277,520.00	499,655,520.00
Ultimate	45,281,600.00	921,536,000.00	220,233,300.00	1,187,050,900.00

b. Investment Incomes

Jigawa State University shall also generate funds from investments in bank deposit, bookshop, conference centre and guest houses.

c. Endowment, Gifts and Donations

Jigawa State University hope to attract endowments, gifts and donations from individuals, corporate bodies, and agencies as well as generate income from linkages and collaborations.

d. Other Incomes

Jigawa State University shall also source internally generated revenue from:

- i. Contractors' registration;
- ii. Sales of forms;
- iii. Consultancy fees; and
- iii. Others.

9.2 PROJECTIONS OF TOTAL INCOME

The estimated total income for Jigawa State University from all sources for the duration of this Academic Brief are shown in Table 9.2 below. The total income shall increase from about N5.80 billion by Year 10 to about N10.31 billion by Year 10 and shall reach about N15.32 billion at the full growth of the university.

Table 9.2: Estimates of Income from All Sources

Year	Grants From Jigawa State Government And LGAs (N)	Investment Income (N)	Students' Fees (N)	Endowment Funds (N)	Gifts And Donations (N)	Others (N)	Total Income (N)
Year 1	5,724,572,618.00	1,000,000.00	53,639,600.00	25,000,000.00	1,000,000.00	1,000,000.00	5,806,212,218.00
Year 2	4,965,265,243.00	1,500,000.00	74,835,600.00	27,500,000.00	1,500,000.00	1,000,000.00	5,071,600,843.00
Year 3	5,502,915,205.00	1,650,000.00	110,703,600.00	27,775,000.00	1,500,000.00	1,500,000.00	5,646,043,805.00
Year 4	5,449,364,957.00	1,815,000.00	152,983,600.00	28,052,750.00	2,500,000.00	1,650,000.00	5,636,366,307.00
Year 5	5,150,943,259.00	1,996,500.00	173,059,600.00	28,333,278.00	2,500,000.00	1,815,000.00	5,358,647,637.00
Year 6	8,116,242,545.00	2,196,150.00	257,917,520.00	28,616,610.00	3,000,000.00	1,996,500.00	8,409,969,325.00
Year 7	8,419,594,759.00	2,415,765.00	338,189,040.00	28,902,776.00	3,000,000.00	2,196,150.00	8,794,298,490.00
Year 8	8,772,280,616.00	2,657,342.00	411,009,760.00	29,191,804.00	4,000,000.00	2,415,765.00	9,221,555,287.00
Year 9	9,328,449,589.00	2,923,076.00	473,425,120.00	29,483,722.00	4,000,000.00	2,657,341.00	9,840,938,848.00
Year 10	9,778,499,410.00	3,215,383.00	499,655,520.00	29,778,559.00	5,000,000.00	2,923,075.00	10,319,071,947.00
Ultimate	14,092,184,796.00	3,536,922.00	1,187,050,900.00	30,076,344.00	5,000,000.00	3,215,383.00	15,321,064,345.00

In view of the deductions to be made in favour of Jigawa State University by the Jigawa State Government and Local Governments Areas in the State, the income accruing to the university from these sources may be in excess of the figures estimated in Table 9.2 above. All excess income over expenditure shall be invested by the university under the directions of its Council.

9.3 RECURRENT COST

The recurrent cost items are composed of staff salaries and allowances at 60% of total recurrent cost; and goods and services at 40% of total recurrent cost. The goods and services shall include allocations to research and University Library at 5% and 10% of total recurrent cost respectively. The Consolidated University Academic Salary Structure (CONUASS) and the Consolidated Tertiary Institutions Salary Structure (CONTISS) were used in estimating the personnel costs of academic staff and non-academic staff respectively. This is to ensure that Jigawa State University is able to attract staff from all Nigerian universities. The

academic staff cost is determined based on the following assumptions: Professors and Associate Professors at 100% of their cadre on CONUASS 07 Step 10 (N6,030,963.00); Senior Lecturers at 100% of their cadre on CONUASS 05 Step 13 (N4,466,306.00); and Lecturers I and below at 100% of their cadre on CONUASS 03 Step 8 (N1,990,441.00). The non-academic staff cost is determined based on the following assumptions: Senior Technical Staff at 100% of their cadre on CONTISS 12 Step 11 (N2,838,325.00); Senior Administrative Staff at 100% of their cadre on CONTISS 12 Step 11 (N2,838,325.00); and Junior Staff (Technical and Non-Technical) at 100% of their cadre on CONTISS 03 Step 15 (N494,885.00). Details of the recurrent cost are presented in Tables 9.4, 9.5 and 9.6 below.

The total recurrent cost for Jigawa State University is estimated to increase from about N1.79 billion in Year 10 to about N7.50 billion by Year 10. The recurrent cost of the university shall reach about N12.36 billion at full growth. The recurrent costs for academic staff, non-academic staff as well as overall recurrent costs for the university are shown in Tables 9.3, 9.4 and 9.5 below.

Table 9.3: Estimates of Recurrent Cost for Academic Staff

Year	Professor, Associate Profs. & Readers		Senior Lecturers		Lecturers I & Below		Total	
	No.	Cost (N)	No.	Cost (N)	No.	Cost (N)	No.	Cost (N)
Year 1	28	168,866,964.00	54	241,180,524.00	78	155,254,398.00	160	565,301,886.00
Year 2	28	168,866,964.00	54	241,180,524.00	78	155,254,398.00	160	565,301,886.00
Year 3	48	289,486,224.00	90	401,967,540.00	124	246,814,684.00	262	938,268,448.00
Year 4	57	343,764,891.00	104	464,495,824.00	139	276,671,299.00	300	1,084,932,014.00
Year 5	60	361,857,780.00	106	473,428,436.00	141	280,652,181.00	307	1,115,938,397.00
Year 6	101	609,127,263.00	184	821,800,304.00	253	503,581,573.00	538	1,934,509,140.00
Year 7	101	609,127,263.00	192	857,530,752.00	259	515,524,219.00	552	1,982,182,234.00
Year 8	106	639,282,078.00	198	884,328,588.00	266	529,457,306.00	570	2,053,067,972.00
Year 9	113	681,498,819.00	205	915,592,730.00	275	547,371,275.00	593	2,144,462,824.00
Year 10	118	711,653,634.00	226	1,009,385,156.00	283	563,294,803.00	627	2,284,333,593.00
Ultimate	236	1,423,307,268.00	408	1,822,252,848.00	516	1,027,067,556.00	1160	4,272,627,672.00

Table 9.4: Estimates of Recurrent Cost for Non-Academic Staff

Year	Senior Technical Staff		Senior Administrative Staff		Junior Staff		Total	
	No.	Cost (N)	No.	Cost (N)	No.	Cost (N)	No.	Cost (N)
Year 1	41	116,371,325.00	97	275,317,525.00	247	122,236,595.00	385	513,925,445.00
Year 2	41	116,371,325.00	109	309,377,425.00	262	129,659,870.00	412	555,408,620.00
Year 3	78	221,389,350.00	165	468,323,625.00	436	215,769,860.00	679	905,482,835.00
Year 4	88	249,772,600.00	186	527,928,450.00	572	283,074,220.00	846	1,060,775,270.00
Year 5	89	252,610,925.00	193	547,796,725.00	619	306,333,815.00	901	1,106,741,465.00
Year 6	157	445,617,025.00	287	814,599,275.00	939	464,697,015.00	1383	1,724,913,315.00
Year 7	159	451,293,675.00	318	902,587,350.00	979	484,492,415.00	1456	1,838,373,440.00
Year 8	163	462,646,975.00	345	979,222,125.00	1028	508,741,780.00	1536	1,950,610,880.00
Year 9	173	491,030,225.00	369	1,047,341,925.00	1243	615,142,055.00	1785	2,153,514,205.00
Year 10	183	519,413,475.00	383	1,087,078,475.00	1237	612,172,745.00	1803	2,218,664,695.00
Ultimate	314	891,234,050.00	482	1,368,072,650.00	1795	888,318,575.00	2591	3,147,625,275.00

Table 9.5: Estimates of Total Recurrent Cost

Year	Salaries and NSPE (Max. 60% of Total) (N)	Goods and Services (Min. 40% of Total) (N)	Total (N)
Year 1	1,079,227,331.00	719,484,887.00	1,798,712,218.00
Year 2	1,120,710,506.00	747,140,337.00	1,867,850,843.00
Year 3	1,843,751,283.00	1,229,167,522.00	3,072,918,805.00
Year 4	2,145,707,284.00	1,430,471,523.00	3,576,178,807.00
Year 5	2,222,679,862.00	1,481,786,575.00	3,704,466,437.00
Year 6	3,659,422,455.00	2,439,614,970.00	6,099,037,425.00
Year 7	3,820,555,674.00	2,547,037,116.00	6,367,592,790.00
Year 8	4,003,678,852.00	2,669,119,235.00	6,672,798,087.00
Year 9	4,297,977,029.00	2,865,318,019.00	7,163,295,048.00
Year 10	4,502,998,288.00	3,001,998,859.00	7,504,997,147.00
Ultimate	7,420,252,947.00	4,946,835,298.00	12,367,088,245.00

9.4 CAPITAL COST

Jigawa State University has adopted NUC guidelines for the development of physical facilities and for estimating capital costs as detailed in the university master plan. In line with the NUC guidelines, 60% of annual capital funding shall be used as main capital grant for the construction of buildings and procurement of other capital assets, while 40% of the annual capital funding shall be dedicated for the purchase of teaching and research

equipment. It is estimated that the annual capital costs of the university shall decrease from N4.0 billion by Year 1 to about N1.63 billion by Year 5 and then increase from about N2.29 billion in Year 6 to about N2.78 billion by Year 10 as shown in Table 9.6 below. The capital cost of the university shall be about N2.92 billion at the full growth of the university.

Table 9.6: Estimates of Total Capital Cost

Year	Main Capital Expenditure (Max. 60% of Total) (N)	Teaching & Research Equipment Expenditure (Min. 40% of Total) (N)	Total (N)
Year 1	2,400,000,000.00	1,600,000,000.00	4,000,000,000.00
Year 2	1,920,000,000.00	1,280,000,000.00	3,200,000,000.00
Year 3	1,536,000,000.00	1,024,000,000.00	2,560,000,000.00
Year 4	1,228,800,000.00	819,200,000.00	2,048,000,000.00
Year 5	983,040,000.00	655,360,000.00	1,638,400,000.00
Year 6	1,376,256,000.00	917,504,000.00	2,293,760,000.00
Year 7	1,445,068,800.00	963,379,200.00	2,408,448,000.00
Year 8	1,517,322,240.00	1,011,548,160.00	2,528,870,400.00
Year 9	1,593,188,340.00	1,062,125,560.00	2,655,313,900.00
Year 10	1,672,847,760.00	1,115,231,840.00	2,788,079,600.00
Ultimate	1,756,490,160.00	1,170,993,440.00	2,927,483,600.00

9.5 ESTIMATES OF TOTAL COST

The total cost of running Jigawa State University shall grow from about N5.79 billion in Year 1 to about N10.29 billion by Year 10 covering the duration of this Academic Brief. The total cost shall ultimately reach about N15.29 billion. The estimates of total cost for Jigawa State University for the duration of this Academic Brief and at its ultimate development are shown in Table 9.7 below.

Table 9.7: Total Expenditure Estimates

Year	Recurrent Expenditure Estimates (N)	Capital Expenditure Estimates (N)	Total Cost Estimates (N)
Year 1	1,798,712,218.00	4,000,000,000.00	5,798,712,218.00
Year 2	1,867,850,843.00	3,200,000,000.00	5,067,850,843.00
Year 3	3,072,918,805.00	2,560,000,000.00	5,632,918,805.00
Year 4	3,576,178,807.00	2,048,000,000.00	5,624,178,807.00
Year 5	3,704,466,437.00	1,638,400,000.00	5,342,866,437.00
Year 6	6,099,037,425.00	2,293,760,000.00	8,392,797,425.00
Year 7	6,367,592,790.00	2,408,448,000.00	8,776,040,790.00
Year 8	6,672,798,087.00	2,528,870,400.00	9,201,668,487.00
Year 9	7,163,295,048.00	2,655,313,900.00	9,818,608,948.00
Year 10	7,504,997,147.00	2,788,079,600.00	10,293,076,747.00
Ultimate	12,367,088,245.00	2,927,483,600.00	15,294,571,845.00

9.6 COMPARISON OF INCOME AND COST

To ensure that Jigawa State University is adequately funded and has maintained a strong balance sheet, an assessment of its estimated income against its estimated cost for the duration of this academic brief and at its ultimate growth is presented in Table 9.8 below. All income in excess of cost shall be invested by the university under the directions of its Council.

Table 9.8: Comparison of Income and Expenditure (Budget Performance)

Year	Projected Total Income (N)	Estimated Total Expenditure (N)	Difference Between Income and Expenditure (N)
Year 1	5,806,212,218.00	5,798,712,218.00	7,500,000.00
Year 2	5,071,600,843.00	5,067,850,843.00	3,750,000.00
Year 3	5,646,043,805.00	5,632,918,805.00	13,125,000.00
Year 4	5,636,366,307.00	5,624,178,807.00	12,187,500.00
Year 5	5,358,647,637.00	5,342,866,437.00	15,781,200.00
Year 6	8,409,969,325.00	8,392,797,425.00	17,171,900.00
Year 7	8,794,298,490.00	8,776,040,790.00	18,257,700.00
Year 8	9,221,555,287.00	9,201,668,487.00	19,886,800.00
Year 9	9,840,938,848.00	9,818,608,948.00	22,329,900.00
Year 10	10,319,071,947.00	10,293,076,747.00	25,995,200.00
Ultimate	15,321,064,345.00	15,294,571,845.00	26,492,500.00

CHAPTER TEN: PERFORMANCE AUDIT

10.0 PREAMBLE

In this chapter, the institutional mechanisms that shall be used for evaluating the operations of Jigawa State University are discussed. The purpose of these mechanisms is to ensure that the goals and objectives outlined for the operations of the university are achieved. The mechanisms are directed at ensuring that the strategies adopted for academic development of the university are comprehensive and adequate enough for the overall guidance of the university, and are also in line with NUC guidelines. The performance indicators for assessing academic matters, management of the university, and sufficiency of physical and other infrastructural facilities are presented and discussed.

10.1 PERFORMANCE INDICATORS

The purpose of performance indicators as contained in this document is to assist Jigawa State University in evaluating its activities so that its management can take wise, intelligent decisions that shall lead to the achievement of greater efficiency. It is also expected that these performance indicators shall assist the university to determine its performance, relative to other universities in Nigeria and in the developed countries of the world.

10.2 ACADEMIC MATTERS

It is the intention of Jigawa State University to ensure high academic standards in all programmes just like any other university in Nigeria. This shall be the guiding principle of the university. The performance of the university in this regard, shall be evaluated through the quality its students as well as the quality of staff and the curricula.

i. Student Enrolment

Jigawa State University shall implement the national minimum admission requirements as contained in Chapter Four of this document. The requirements shall include five credit passes in the relevant subject areas, which shall also include English and Mathematics. The university shall also require all its students to have an acceptable minimum score in the Unified Tertiary Matriculation Examination (UTME) for entrants into the first year of a degree programme and also an acceptable level of performance at the post-UTME screening exercise and as may be determined from time to time by national policy and Jigawa State exigencies. The university shall also pay adequate attention to the growth rate of the student population vis-à-vis the approved carrying capacity, the Science to Arts ratio and the stipulated ratios of postgraduate studies. The indicators to be used for the assessment shall include:

Performance Indicator	Target
1. Percentage admitted through Unified Matriculation Examinations (UTME)	Not less than 100% every session
2. Percentage qualified for admission	100% every session
3. Growth rate of student population	Average of 10% in the first 5 years, 5.0% in the next five years and 0% at ultimate
4. Science to Arts ratio	60:40% ratio at full development
5. Proportion of postgraduate students to undergraduate	10%
6. Proportion of eligible programmes accredited by NUC	100% at full development
7. Proportion of students completing their programmes in minimum time	100% after 10 years of existence
8. Percentage of students who transfer out of university for non-satisfaction with forms of instruction	0%
9. Establishment of graduate programmes	All disciplines after graduating first set of students and obtaining full accreditation Status in the relevant programme
10. Proportion of students awarded first class honours degrees	2.0% of graduating students

Jigawa State University shall also ensure that candidates who are admitted into the university meet both the academic and morals requirements. This is to avoid deviant behavior among students and also to guarantee conducive atmosphere for academic activities.

ii. Academic Staffing Level

The Jigawa State University is committed to providing quality education to its students. In this regards, the university shall strive to attract qualified academic staff through an attractive welfare package, and the payment of all agreed salary structures as may be required from time to time. The management of the university shall maintain NUC approved academic staff structure in all disciplines as a basic minimum for staffing. A high proportion of the teaching staff of not less than 70% shall also be expected to have doctorate degrees. Below are the performance indicators to be employed annually in evaluating academic staffing level:

Performance Indicator	Target
1. Student/staff ratio	30:1 in Arts, Humanities, Education, Management Sciences and Social Sciences 20:1 in Science 15:1 in Engineering and Pharmaceutical Sciences 10:1 in Medicine
2. Structure of academic staff	20% Professorial 35% Senior Lecturers 45% Lecturers 1 and below

- | | | |
|-----|---|-------------------------------------|
| 3. | Proportion of academic staff with Ph. D. | 70% after full maturity |
| 4. | Percentage of staff undergoing staff development | 5% in a year |
| 5. | Total number of qualified professional librarians | at least 8 after 10 years |
| 6. | Number of chairs of excellence | at least one in each period |
| 7. | Books produced by staff each year | two in the university |
| 8. | Average number of conferences organised/attended | one per year |
| 9. | Number of research grants | one per organised research unit |
| 10. | Staff supported from external research grants | 5% of all staff engaged in research |

iii. Non-Academic Staff

Jigawa State University shall strive to maintain a reasonable size of non-academic staff to a point of enhancing the efficiency of academic staff and providing conducive environment for teaching and learning. Deliberate efforts shall be made to achieve the following NUC guidelines:

	Performance Indicators	Target
1.	Ratio of Senior Administrative staff to Teaching staff	1:12 in academic units
2.	Ratio of Senior Technical Staff to Teaching staff	1:4 in Science-based disciplines 1:20 in Arts-based disciplines 1:10 in non-academic units
3.	Ratio of Junior Technical Staff to Teaching Staff	1:2 in Science-based disciplines 1:20 in Arts-based disciplines

10.3 MANAGEMENT INDICES

Jigawa State University shall under the management indices assess itself in three major areas namely: financial management, personnel management and materials management.

i. Financial Management

The major source of income for Jigawa State University shall include grants from the Jigawa State Government, contributions from the Local Governments in the State, and from internally generated revenue by the university from sources such as such bookshop, university press, cafeteria, consultancy unit, student's fees, and other sources of investments.

The management of Jigawa State University is fully aware that availability of funds are crucial to effective implementation of the university's programmes. Thus, the extent to which available funds are properly managed shall be measured using the following parameters:

	Performance Indicator	Target
1.	Allocation of recurrent funds to academic units	60% of recurrent funds
2.	Percentage of funds generated internally by the university	10% at inception
3.	Actual expenditure on academic units	60% of recurrent funds
4.	Percentage allocation to the library	10% of recurrent funds
5.	Percentage allocation to salaries and non-salary emoluments in the library	25% of allocation
6.	Percentage allocation to goods and services in the library	15% of allocation
7.	Percentage allocation for purchase of books and journals from library funds	60% of allocation
8.	Sources of research funds plus external grants	5% of recurrent funds
9.	Percentage allocation to organised research	2% of recurrent funds plus external grants
10.	Percentage allocation to general University research	5% of recurrent funds
11.	Number of research students	10% of student population
12.	Allocation to teaching and research equipment grants	40% of main capital funds

ii. Personnel Management

Jigawa State University shall place much emphasis on recruitment of qualitative academic and non-academic staff in the university. To this effect, all staff shall be recruited on the basis of well-organised interviews to be conducted by competent persons. There shall also be proper job descriptions and requirements for each job clearly stated in the condition of service in the university, and these shall form the basis for advertisement for staff vacancies in national dailies.

Jigawa state university shall ensure that at all times, various cadres of staff are posted to faculties, departments and units in such a way as to enhance productivity and facilitate the attainment of organisational goals and objectives. These shall be based on NUC requirements for staffing in these areas. The university shall assess performance in this area as follows:

Performance Indicator	Target
1. Number of senior administrative staff	Not more than 3.4% of student population
2. Percentage of junior staff to number of students	Not more than 20% of students at any time
3. Structure of Senior Administrative Staff	5% on CONTISS 14-15 15% on CONTISS 12-13 35% on CONTISS 09-11 45% on CONTISS 06-08

iii. Materials Management

Supply of goods and services in Jigawa State University shall be handled centrally and its allocation to faculties, departments and units shall be done on the basis of student and staff numbers. The Internal Audit Unit of the university shall carry out periodic monitoring of the utilisation of procured materials. In this regard, the following indicators shall be utilised:

Performance Indicator	Target
1. Allocation to goods and services	40% of recurrent funds
2. Number of stock-taking exercises in each unit of the university	On quarterly basis
3. Number of financial reports from each unit on materials utilisation	On quarterly basis
4. Frequency of replenishment of materials	On quarterly basis

10.4 PHYSICAL AND OTHER INDICES

The physical development of Jigawa State University shall be based on the approved Master Plan document submitted and approved by the National Universities Commission. The university shall provide adequate physical facilities for the use of staff and students. In this regard, the following performance indicators shall be applied:

Performance Indicator	Target
1. Space allocated to various academic units	As per NUC standards
2. Lecture theatres and classrooms	0.65 sq. m. per FTE student
3. Laboratory	0.75 sq. m. per FTE student
4. Library	500 sitting capacity initially and 5,800 after 10 years of existence
5. Percentage of staff housed on campus	20%
6. Percentage of students housed on campus	100% at takeoff, 50% ultimately
7. Number and type of recreational facilities	3 volleyball courts 2 basketball courts 2 handball courts 2 soccer pitches 2 athletics track 2 tennis courts 10 table tennis sets 2 soft ball courts
8. Power supply	PHCN 33KVA 4 G.E.C. type Diesel Generator 5 x 2.5 MVA
9. Water supply	Public supplies 4 bore holes Ground tanks 100,000 liters x 5 Elevated tanks 250,000 liters x 4

APPENDIX

**TABLE 1: FULL-TIME STUDENT ENROLMENT BY FACULTY,
DEPARTMENT, YEAR AND LEVEL**

**TABLE 2: PART-TIME STUDENT ENROLMENT BY FACULTY,
DEPARTMENT, YEAR AND LEVEL**

TABLE 3: FULL-TIME POSTGRADUATE STUDENT ENROLMENT BY FACULTY, DEPARTMENT, YEAR AND LEVEL

TABLE 4: PART-TIME POSTGRADUATE STUDENT ENROLMENT BY FACULTY, DEPARTMENT, YEAR AND LEVEL

TABLE 5: FULL-TIME NEW ENTRANTS ENROLMENT PROJECTIONS BY FACULTY, DEPARTMENT, YEAR AND LEVEL

TABLE 6: PART-TIME NEW ENTRANTS ENROLMENT PROJECTIONS BY FACULTY, DEPARTMENT, YEAR AND LEVEL

**TABLE 7: ACADEMIC STAFF PROJECTIONS BY FACULTY, DEPARTMENT,
YEAR AND CATEGORY**

**TABLE 8: NON-ACADEMIC STAFF PROJECTIONS BY FACULTY,
DEPARTMENT, YEAR AND CATEGORY**