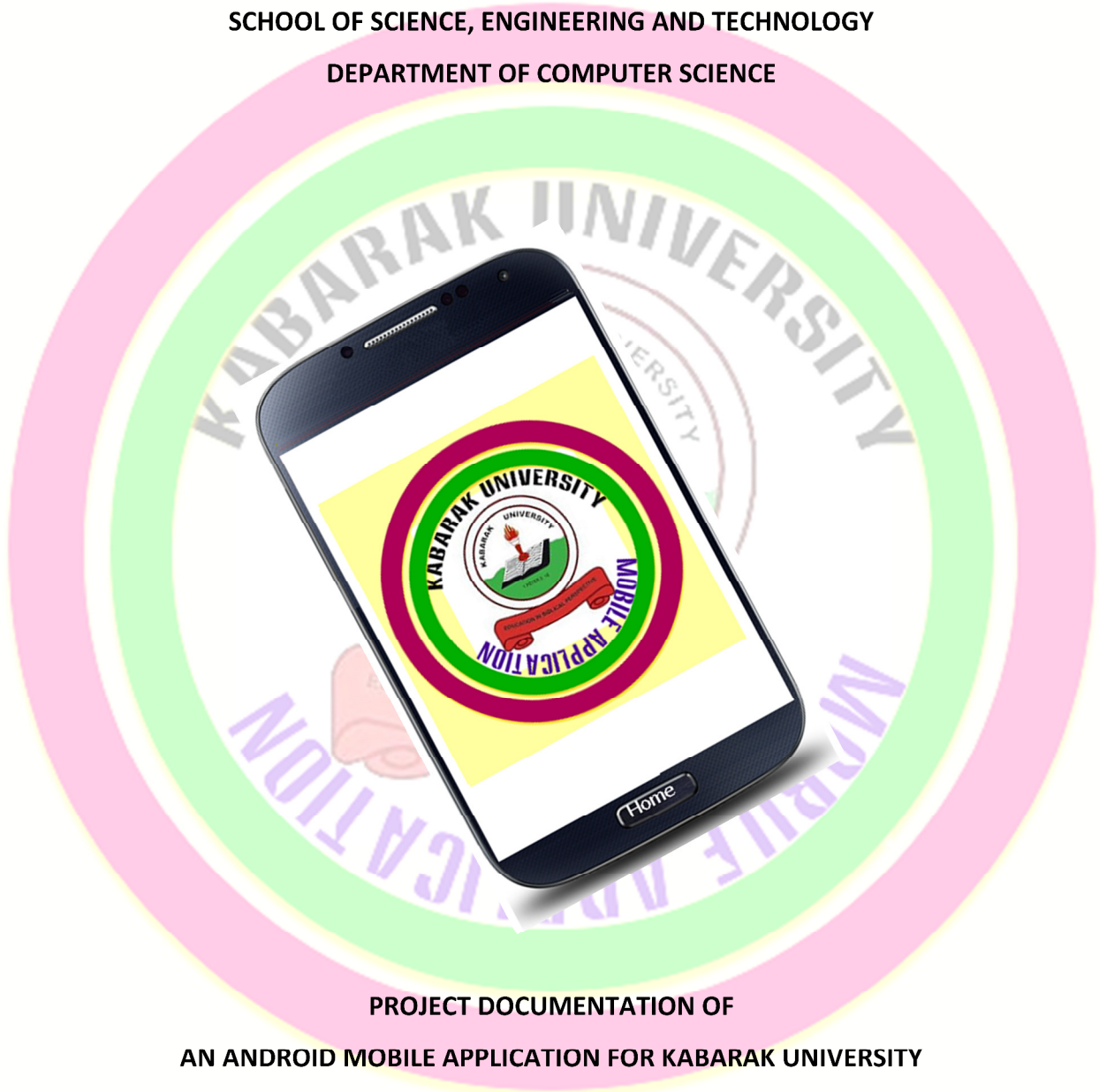




**KABARAK UNIVERSITY**

**SCHOOL OF SCIENCE, ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE**



**PROJECT DOCUMENTATION OF  
AN ANDROID MOBILE APPLICATION FOR KABARAK UNIVERSITY**

*DEVELOPERS*

**MR. ANIL KUMAR & PROF KEFA RABAH**

## Statement of the Originality

We hereby declare that the research and development work titled “Mobile application of Kabarak University” our own work and to the best of our knowledge. It contains no materials previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any application at Kabarak University or any other education institute, except where due acknowledgment, is made in the work. Any contribution made to the research by others, with whom we have worked at Kabarak University or elsewhere, is explicitly acknowledged in this development work.

We also declare that the intellectual content of this application is the product of our own work, except to the extent that assistance from others in the project’s design and conception or in style, presentation and linguistic is acknowledged. We also verified the originality of contents through plagiarism software.

Anil Kumar

Sign Anil Kumar

Date of submission 19/6/14

Prof. KefaRabah

Sign KefaRabah

Date of submission 19/6/14



## INTRODUCTION

As internet connectivity is becoming easy to access, it is playing an important role in the life of every human being. This shows that mobile technology can easily be understood by anyone.

In today's world, the android market is growing rapidly with more than 1 million android mobile applications published which are being enjoyed by millions of people around the globe. The applications are serving different users in different fields of life such as medicine, entertainment, education and marketing. The numbers of users are growing rapidly each day with the affordability of smart phones.

These days even if someone wants to sell his/ products throughout the country they can do it by a via a mobile application such as the OLX, EBay and Facebook. Several researchers have come to the conclusion that with the easy accessibility of mobile applications, web tools will be superseded. Many of the online mobile applications are still making use of web technology in order to save detailed information such as program codes. Although offline applications are also used being used to do the same.

The new age of the mobile phone, the smartphone like the Android Phone or the iPhone are more than just mobile phones, they are becoming increasingly like mobile personal computers. With the improved power and features of these new phones we can do many new and exciting things with them and in a few years from now these phones will likely be commonplace and the average student will own one. By using the smartphones' unique features and power we can make a service for these smartphones which will improve the on-campus student experience. It will also attract new students as it will be the first mobile application to be launched in a Kenyan University.

The mobile application market is one of the most rapidly growing markets in software due to effectiveness of the applications. Even though, most of the applications are small they provide various facilities.

## **ABSTRACT**

The proposed online mobile application (Kabarak Varsity) is engineered to provide a dynamic and engaging experience for the smart phone mobile users. The proposed development of a mobile phone app by the Computer Science department would serve many perceived needs across the campus. Students require additional ways to keep in touch while on the go with campus events, news alert, accessing the results, and the library. It will also enable teaching and non-teaching staff that are on leave to get up-to date information and access to events, news, the academic calendar, their emails, the portals and library database.

There are several drawbacks in our current system which is either manual or web based with a no major platform which can be used by various users to access different data. This is a major drawback for students and the faculty staff who are inside and outside the campus. In order to get information on the current system, one needs to access the University website which requires several web tools and a high bandwidth. It is also drawback for new internet users who would require training to get the required information.

The proposed application (KABARAK VARSITY) is an automation system which will enable the University to store program details and admission criteria for all the schools. This will benefit several users. For example a prospective student will apply simply and quickly without going through the hassle of the Website. It will also ease the needs of staff and students who will be able to renew their books by simply clicking an icon on the mobile application. It will also help the marketing of The University abroad as it will enable an Android user to know the International Conference Dates.

Key Words: Kabarak, University, Academic, Admission, Programs, Schools, Departments, Conference, Library, Education

## **BACKGROUND**

Being a University in the 21<sup>st</sup> Century, it is important for the University to market itself more economically and efficiently. The University has tried doing this via various marketing tools such as Websites, the media, brochures and not forgetting calendars. They also provide regular students with information on the School Notice Boards. This has not been a very effective way of communication because many students do not look at the Notice Boards. This reflects the necessity of a new automated electronic system which will not be outdated and time-consuming. This can be achieved with the help of technology by developing an automated electronic system for managing the vast amount of information.

Kabarak Varsity mobile application will be advantageous for various users such as the admission office as information will be provided on a single platform. This will enable them to save time as they will not have to meet and answer questions from prospective students. The proposed application will make use of our existing database. As the staff will be able to access and update it from anywhere, there will be a more clear and effective management.

## **PROBLEM STATEMENT**

As one cannot get information about Kabarak University on a single platform, the need has arisen to provide one single attractive platform. The proposed application will enable prospective students, staff and non-academic staff to access our University by simply logging onto the proposed mobile application. This will help them to save a lot of time. The proposed system aims at achieving several objectives which are highlighted below.

## **OBJECTIVES**

### **Specific objectives**

- To develop a system that will generate Kabarak web based general information automatically once downloaded to the visitor's phone at any time through a single click.

### **General objectives**

- To develop a system that will gather general information of our visitor's request information.
- To develop a system that will enable ease of access and communication with the admission office via the social media.
- To develop a system that will enable students and staff to receive news updates.
- To develop a system that will eradicate enormous paper work.
- To develop a system that will enable our regular students to have a look at their results while away at home.

- To develop a system which will enable the staff and students to renew and reserve books without going to the library.
- To develop a system that will increase the staff and student's presence on the customer's mobile Smartphone.
- To develop a system that will increase communication with the University through dynamically updatable information functions.

## JUSTIFICATION

There is a need to provide the Kabarak University fraternity with a system which will enable easy accessibility of important information without necessarily going to the University Campus. to access to important information without necessarily going to the University. The new system will:-

- Reduce time to access information as one will not need to browse the internet.
- Be more cost effective as paper files will be reduced which occupy space and require someone to handle the files.
- Attract users who are not computer or internet literate.

## SCOPE OF THE SYSTEM

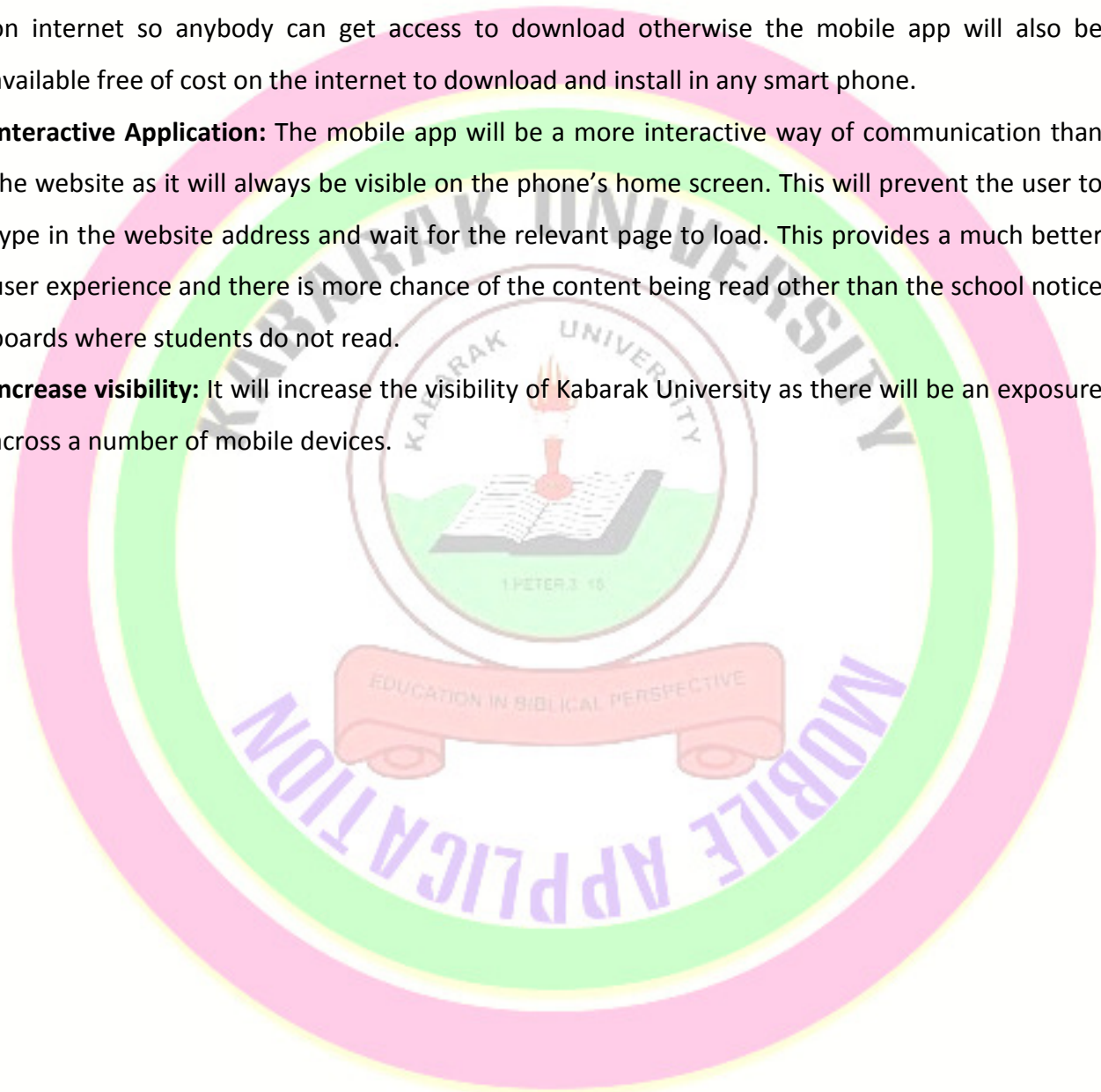
When designing the system, I had the admission offices of Kabarak University in my mind. However this system can be modified to fit other academic Schools and Departments under Kabarak University since the general structure is common. Kabarak Varsity mobile application will be android based and the main design will be android and apple OS based. The users will not need any specialized software or application to access the system because the whole information source is based in one application which will be free on the internet. The application will be available in the Android market as well as our University website in QR code format in the University website, one will only have to download and install the application on to their smart phone.

## STRENGTHS OF THE PROPOSED SYSTEM

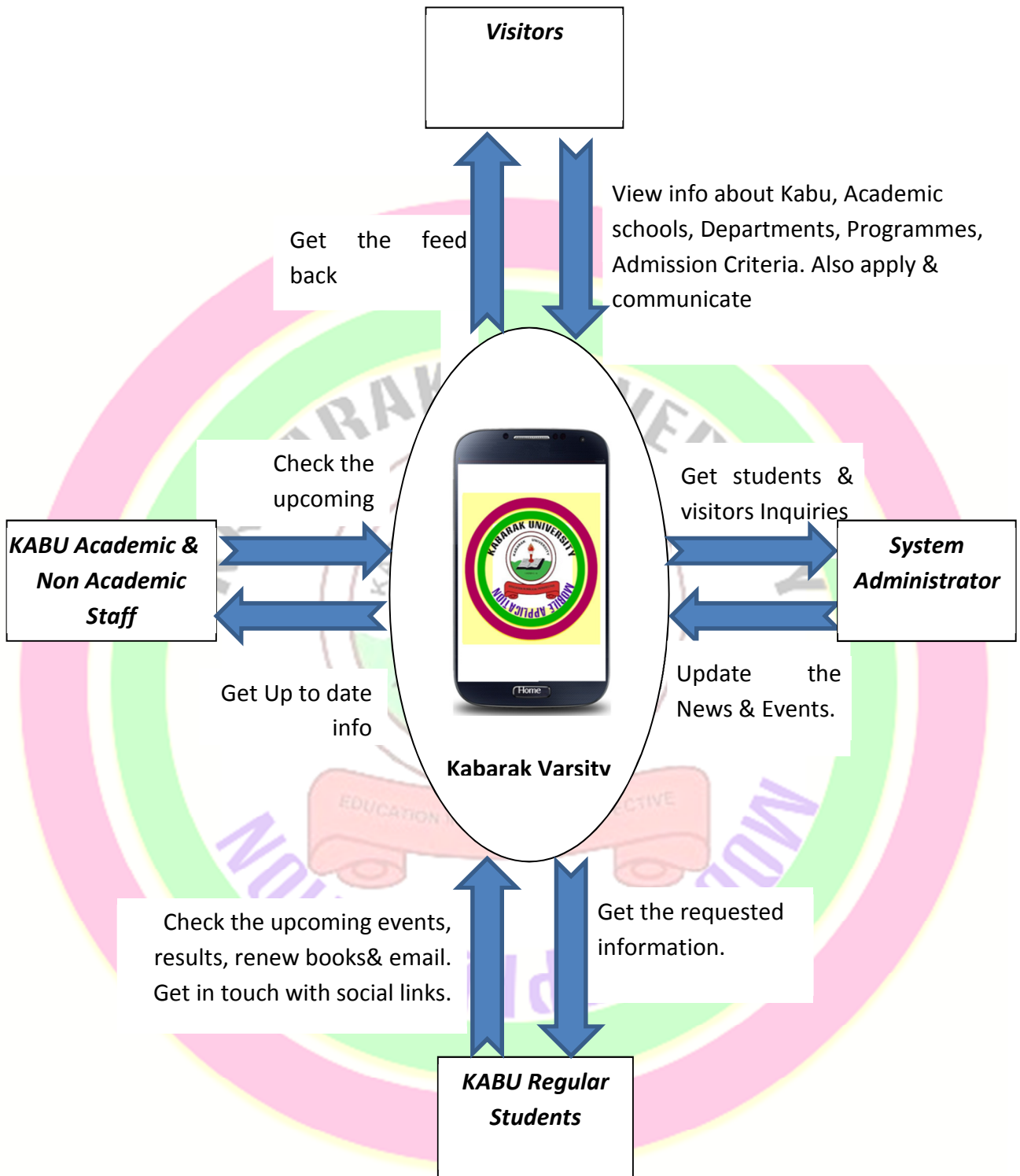
- **User Friendly:** It will be relatively easy to use as there will be a graphical user interface. This is evident from the fact that it will have an intuitive dashboard which will allow users to locate and store information with a couple of finger taps in order to streamline the user experience.
- **More Faster:** The developed application will be much faster than the website as it takes a second to launch a mobile app. Although it can take several minutes for a Website to load in an area of bad reception. Secondly, it will require a few minutes to access information as several web pages will not need to be downloaded. Essential information will be stored within the offline part of

this application and other information will be linked directly to the University Website via the application.

- **Mobile operator control:** Mobile operator control will be there so chance of errors will be minimized. Moreover retrieving of information will become easy as all the links will be in graphics.
- **Free availability of the app:** The idea is to provide QR code on the University website and free on internet so anybody can get access to download otherwise the mobile app will also be available free of cost on the internet to download and install in any smart phone.
- **Interactive Application:** The mobile app will be a more interactive way of communication than the website as it will always be visible on the phone's home screen. This will prevent the user to type in the website address and wait for the relevant page to load. This provides a much better user experience and there is more chance of the content being read other than the school notice boards where students do not read.
- **Increase visibility:** It will increase the visibility of Kabarak University as there will be an exposure across a number of mobile devices.

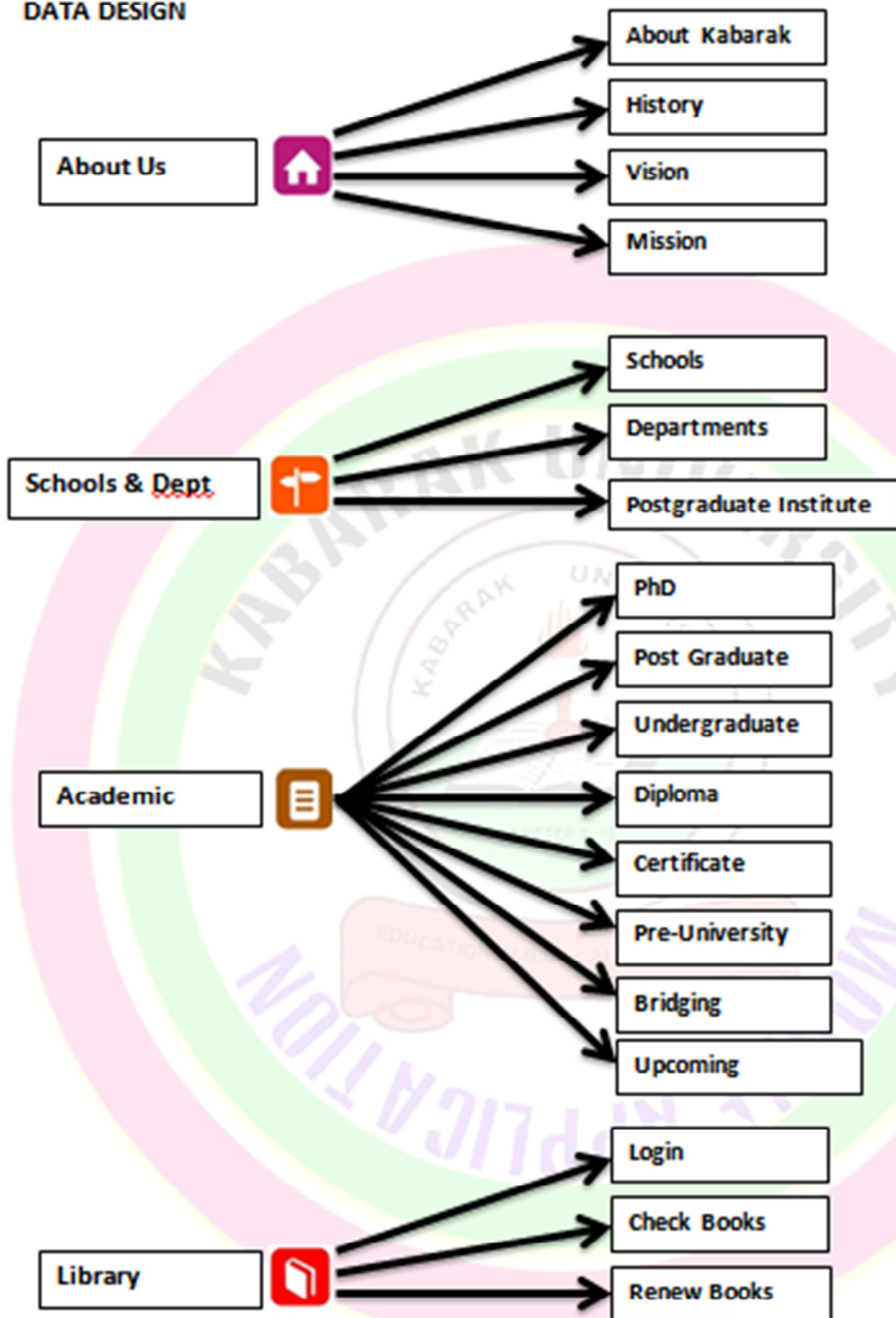


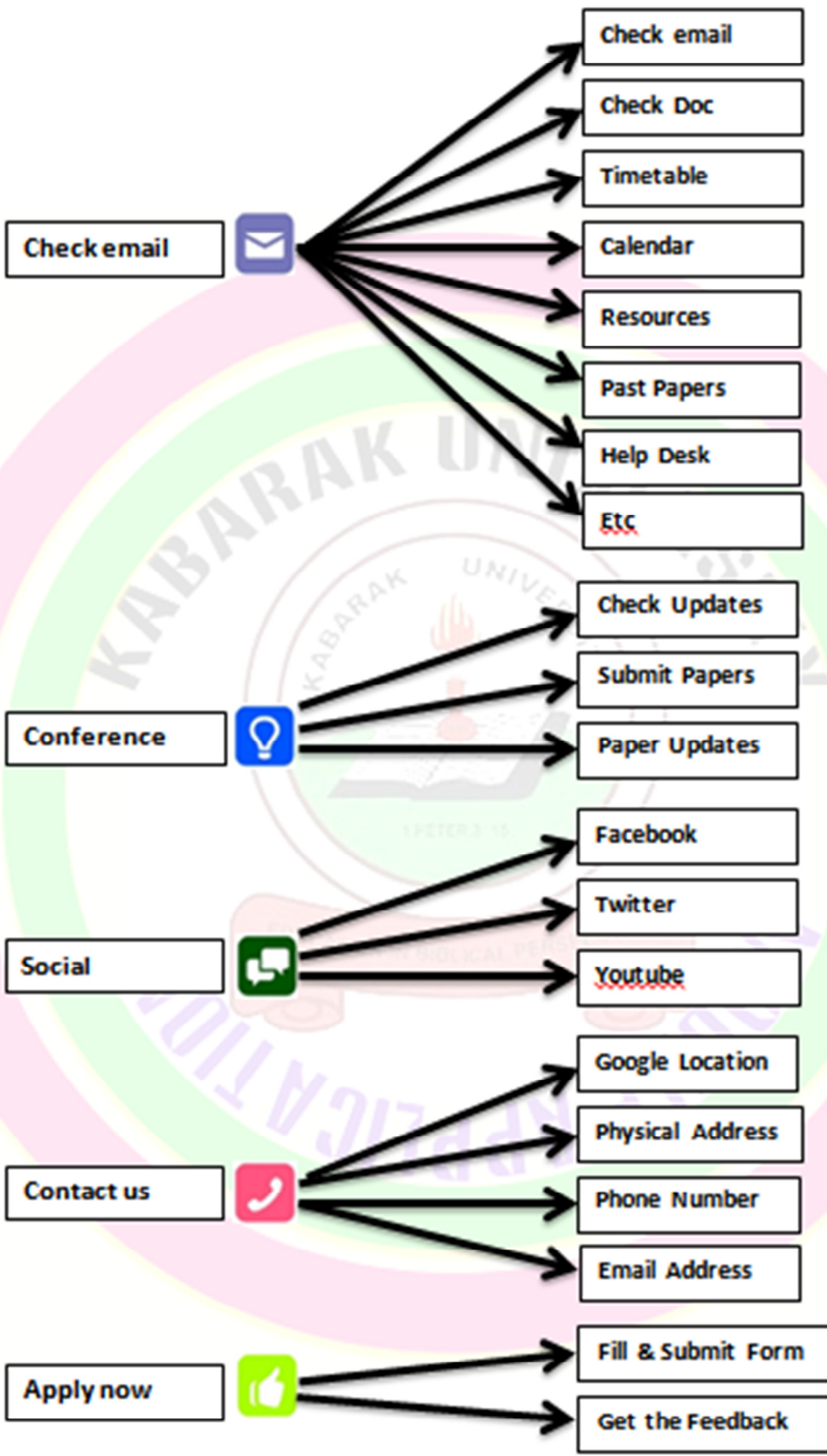
**CONTEXT DIAGRAM**





DATA DESIGN





## APPLICATION DESIGN

**Application Name:** Kabarak Varsity

**App Description:** This Application is to help visitors to get more info about Kabarak University, it's Academic Schools, Departments, Academic programmes, Admission criteria as well as communication with the administration desk. This will enable prospective students to fast forward their application.

### Sub links Logos



Figure 1: Application logo

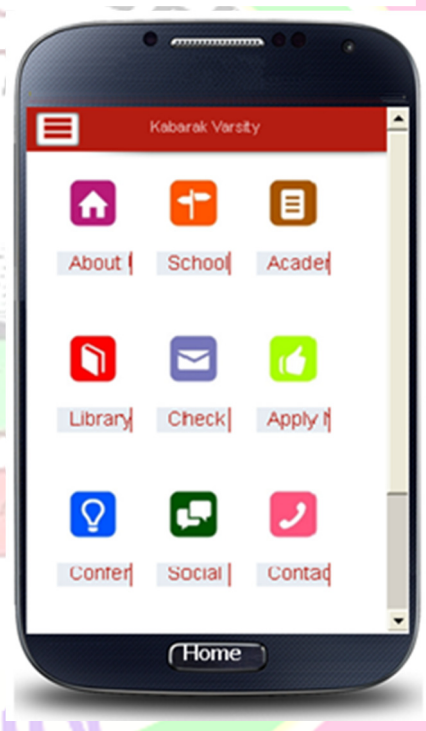


Figure 2: The links view of Kabarak University mobile Application.



## About Us

This link has the brief information about Kabarak University including its history, location, Vision and Mission. This is the first sub link in the mobile application, which will include photo and other useful information. The basic objective of this link is to globally advertise and provide information of Kabarak University to any visitor worldwide.

Figure 2: "About Us" list view on Kabarak University mobile App.

As shown in the figure below, a visitor will be able to make multiple views on the left and the right. On the right he or she will be able to view brief information about the University. While on the left they will be able to view application list options. It is important to note that there are no other hyperlinks on this page. The reason why the application will have brief information is to enable ease of access to information.

The information shown in "About Us" option is as follows:

Kabarak University is a private Chartered institution of higher learning that provides holistic Christian-based quality education, training research and outreach activities for the service of God and humanity. It was established in October 2002 by the second President of Kenya, His Excellency Daniel Arap Moi, who is also the Chancellor. This was as a result of his visionary idea of setting up a Christian University that would meet the demand for higher education in Kenya and offer quality education based on string moral principles

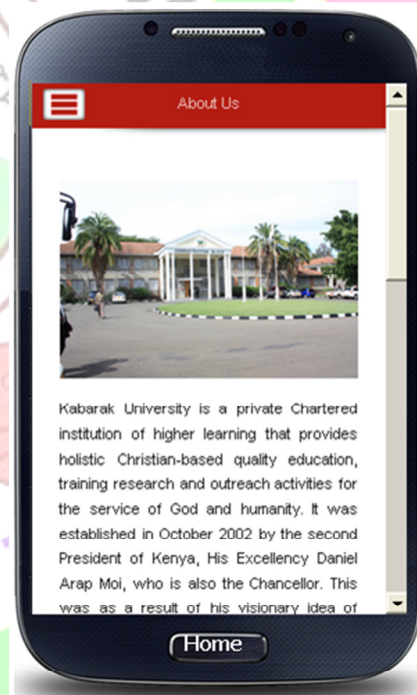


Figure 3: "About Us" view on Kabarak University mobile Application.

Kabarak University is located 20kms north of Nakuru town, along the Nakuru-Eldama Ravine highway. It is in a serene environment that makes it an ideal place for learning. Today the University has over 1000 students pursuing various academic courses in Science, Engineering, Technology, Business, Theology and Education.

The facility stands on a 600 acre farm and is one of the highly equipped institutes of higher learning in Kenya. It has an ultra-modern library (with seating capacity of 1,000 users) that is well equipped with up-to-date books, other scholarly materials and easy access to online journals. We also have well equipped Science and Computer Laboratories.

Kabarak University is not just any other University; it is distinctive in its academic excellence coupled with spiritual vitality. With a motto of "Education in Biblical Perspective", we are focused on producing professional who are trained in all aspects of human endeavour.



### Academic Schools

The next sub menu in the application is on various academic schools and departments. This link shall provide information about each school in detail. It will include the vision and the mission of the departments and the programs which are currently being offered.



### School of Science, Engineering and Technology

The information shown in "School of SET" option is as follows:

The School of Science Engineering and Technology offers interdisciplinary undergraduate programs in Computer Science, Chemistry, Physics, Mathematics, Biology, and Technology related courses. Besides offering its own programs, the School also services courses offered in other Schools. These include general mathematics for non-science students as well as introductory computer courses for all students in the university.

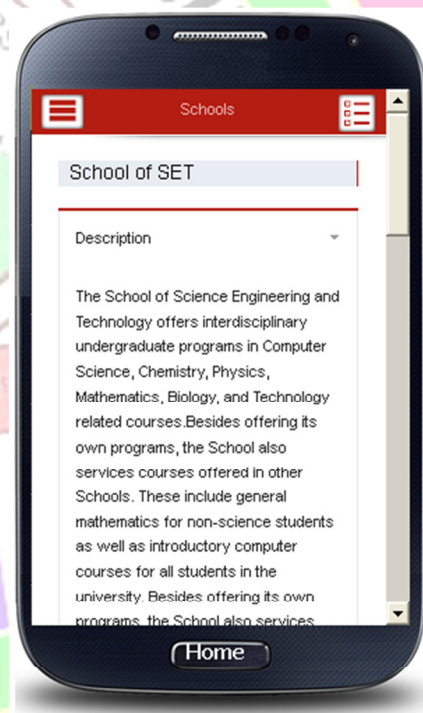


Figure 4: "School of SET" description view of the Kabarak University mobile Application.

Besides offering its own programs, the School also services courses offered in other Schools. These include general mathematics for non-science students as well as introductory computer courses for all students in the university. The School also runs Pre-university and Bridging courses for those who may not have qualified for direct entry into undergraduate

degree programs. For more information on these programmes, please visit their individual links.



The information shown in “School of Law” option is as follows:

**Descriptions:**

Kabarak School of Law established in 2010, is one of the fastest growing and among the best Law School in Kenyan Universities. The school is endowed with an internationally recognized faculty and excellent teaching and research facilities.

The Kabarak Law School is set to produce the ideal lawyer and the magistrate the Kenyan public has been looking for. It is a tall order.

It is a mission impossible yet with God nothing is impossible. God is the father and the author of justice and righteousness. He wants justice for all; the poor, rich, the powerful, the powerless, the fatherless and widows.

The School of Law is a Christian institution expected to produce men and women serving God as servants of justice and righteousness.

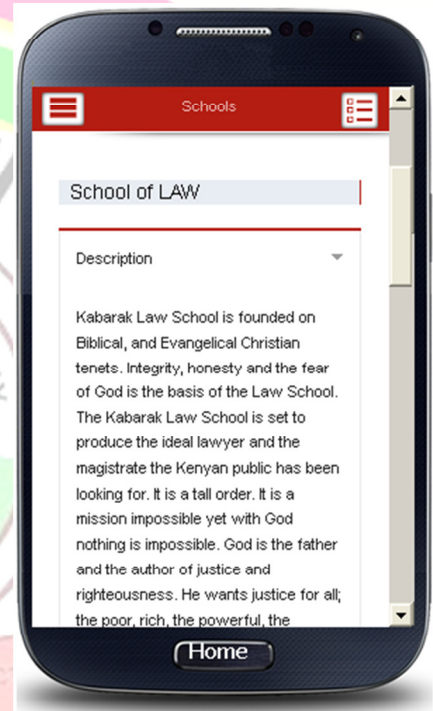


Figure 5: “School of LAW” description view on Kabarak University mobile Application.

**Vision:**

To become a global centre for wholesome and ethical legal education committed to scholarly excellence.

**Mission:**

To provide quality and wholesome legal education, research and training in ethical and biblical perspectives.



## School of Theology, Education and Arts

The information shown in “School of TEA” option is as follows:

The School of Theology, Education and Arts is in charge of designing, developing and delivering programmes that focus on developing creative and innovative thinkers. The programmes under this School aim at training and empowering present and future generation of leaders. The School is anchored on Christian principles by integrating faith and learning in a friendly environment with emphasis on Christian values and commitment to research.



## Business School

The information shown in “Business School” option is as follows:

Kabarak University Business School is a unique institution offering cutting-edge degree, diploma and certificate programs which combine Business Management and Information Technology in a Christian setting. The degree programs are aimed at imparting relevant and essential knowledge, skills and habits to our graduates. The uniqueness of our degree programs is that they are internationally recognized.

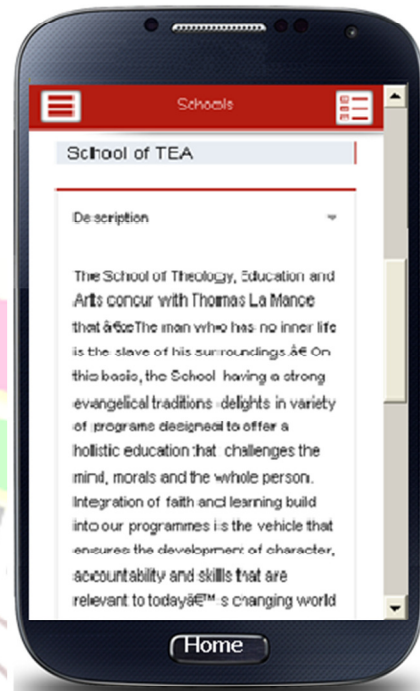


Figure 6: “School of TEA” description view on Kabarak University mobile Application.

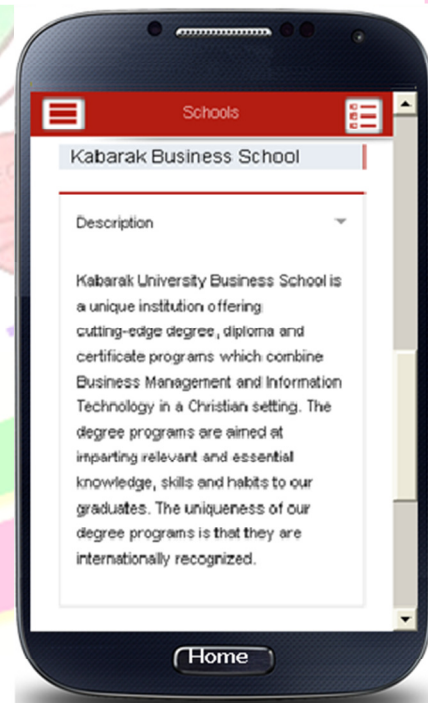


Figure 7: “Business School” description view on Kabarak University mobile Application.



## School of Health Sciences

The information shown in “School Of Health Science” option is as follows:

Kabarak University School of Health Sciences established in 2014, offers some of the unique Nursing programs. B.Sc. Nursing is founded on Christian virtues which equips the next generation with Godly values in nursing practice.

### **Vision:**

The vision is to become a leading centre of excellence in the training of nursing professionals who have the compassion of Christ in the provision of health care services.

### **Mission:**

The mission is to train nurses in the provision of high quality care, conduct research, undertake consultancies, promote nursing education and are in the forefront of formulating health policies.

Figure 9: List view of School & Departments at Kabarak University mobile Application.

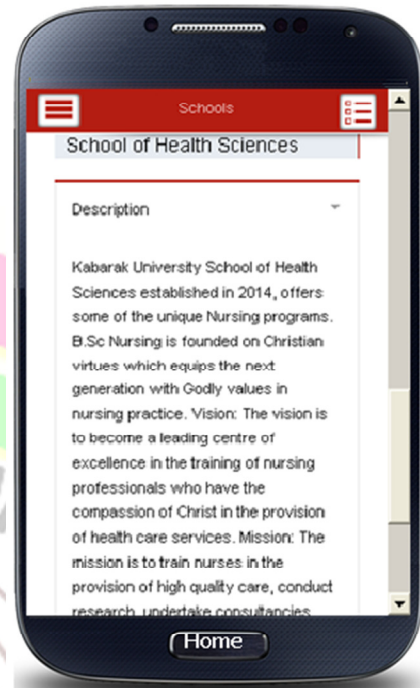
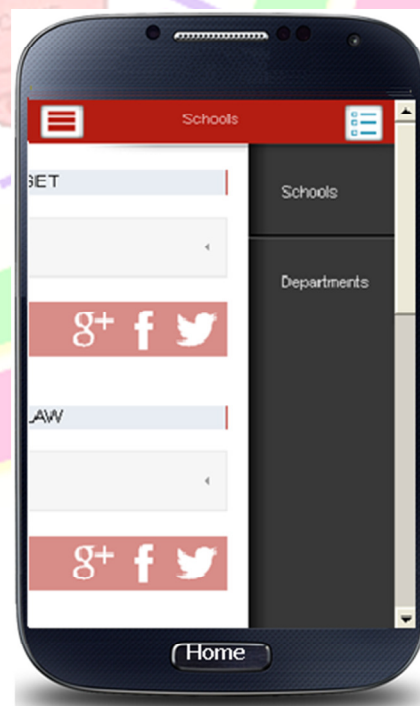


Figure 8: “School of Health Sciences” description view on Kabarak University mobile Application.







## Academic Departments

Kabarak University has several departments to manage different degree programmes. This link of mobile application gives a brief description of each department including their objective, Mission and Vision. After clicking the department option, visitors can read the information and get to know its basic purpose.



## Department of Computer Science

The information shown in “Department of Computing Sciences and Information Technology” option is as follows:

The role of the Computing Sciences and Information Technology Department is to produce graduates with knowledge and skills relevant to both the national and international community; to carry out innovative research; to produce service courses and provide research assistance in the fields of science and engineering and to provide services to Industry through technology transfer and applied research. Department of Computing Sciences and Information Technology offers courses which are tailored to meet new and rising demands of IT professional. We regularly review our courses to cater for emerging technological trends in IT and computer technology applications. Our primary goal as a department is to produce IT professionals who are ethical, highly skilled and flexible to work in basically all IT fields.

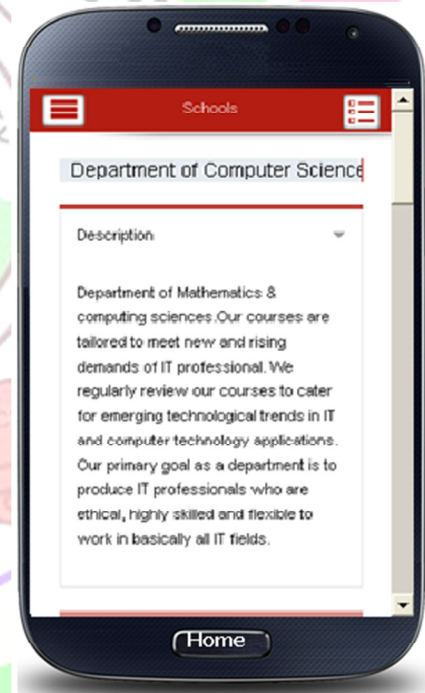


Figure 10: The Department of Computing Sciences and Information Technology.



## The Department incorporates Environmental Science

The information shown in “Department incorporates Environmental Science” option is as follows:

The Department incorporates Environmental Science, Biological sciences (Botany / Zoology) and Chemistry courses. The department has well developed laboratory facilities which are fitted with the state of the art technology. Our holistic approach to teaching and research, integrating physical, chemical, biological, social and geotechnical sciences into the study of natural and human environments, is truly a modern philosophy.

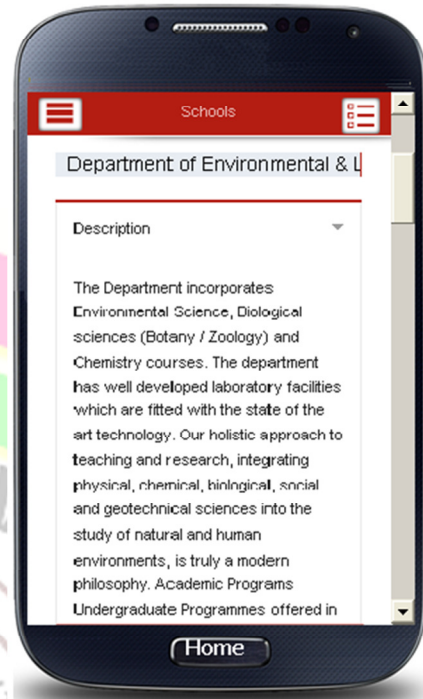


Figure 11: The Department incorporates Environmental Science.



## Department of Mathematics and Physical Science

The Department of Mathematics and Physical sciences is one of the unique departments at Kabarak University which provide their services to many other departments with its highly experienced teaching staff. The department covers a broad range of activities and strives to combine excellence with equity. The department also offers undergraduate program in Non-medical and Telecommunication.

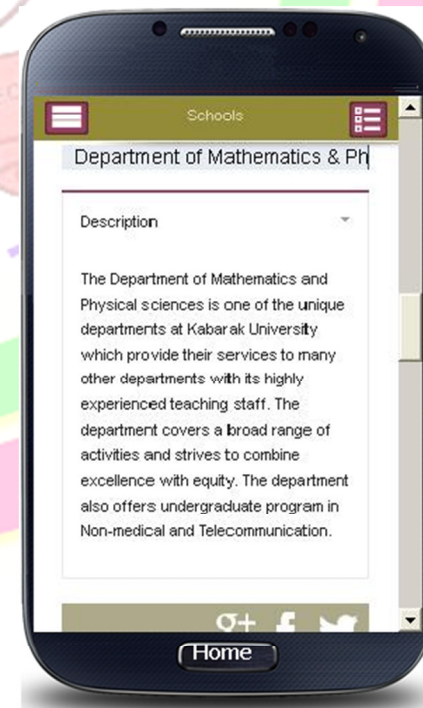


Figure 12: Department of Mathematics and Physical Science



## Department of Arts

The information shown in “Department of Arts” option is as follows:

The Department of Arts and Social Sciences Education is a global hub for developing a spiritual cadre of men and women who can operate at international standards in challenges to be faced in the future.

### **Vision**

To be a leading academic center of excellence that not only develops head knowledge but also indicates education that develops the human heart for the weary world.

### **Mission**

To advance the intellectual and human resource capacity of the nation and the global community.

### **Core Values**

- Christ Centered
- Democratic
- Integrity
- Meritocracy
- Professionalism



### **Department of Education**

The information shown in “Department of Education” option is as follows:

The Department of Education of Kabarak University has evolved into a distinguished centre of excellence in teacher training and postgraduate research. It has highly trained academic staff with vast experience in teacher training and development, postgraduate research and supervision and education consultancy.

### **Vision:**

To be a centre of excellence in teacher training and development and a regional hub for research and innovation in education.

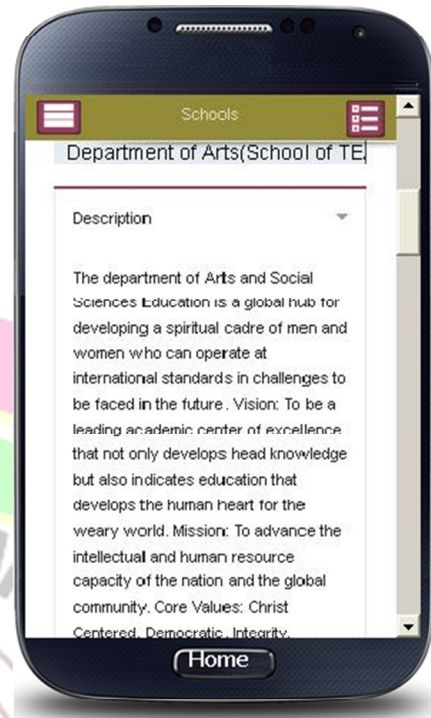


Figure 13: Department of Arts (School of TEA)

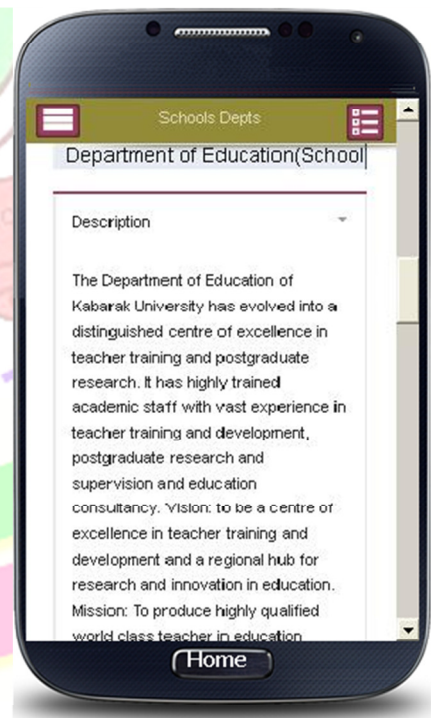


Figure 14: Department of Education (School of TEA)

**Mission:**

To produce highly qualified world class teacher in education research, pedagogy, arts and science subjects for the republic and beyond.



**Department of Biblical Studies**

The information shown in “Department of Biblical Studies” option is as follows:

The Department of Biblical Studies is an Evangelical Christian Academic community of higher learning, distinguished in preparing Men and Women called to serve God and Humanity.

**Vision:**

To be a centre of academic excellence in theological training that is committed to evangelical doctrine, development of Godly character and biblical convictions of students and cultural relevance both to the needs of the church and society.

**Mission:**

To produce Christ-centered, theologically sound and visionary Christian leaders who are well equipped for Christian service and leadership roles and also serve as resource persons for critical thought and research.



**Department of Commercial Law**

The information shown in “Department of Commercial Law” option is as follows:

The Department of Commercial Law is one of the Departments under the School of Law at Kabarak University which provide professional knowledge and practice about the commercial laws in Kenya. The Department of Commercial Law covers a wide range of

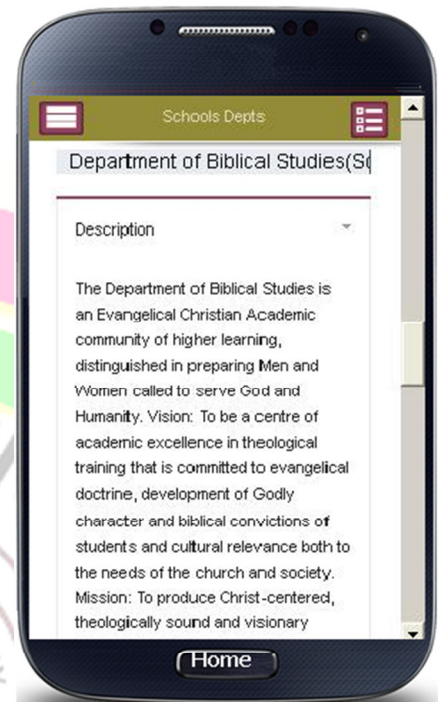


Figure 15: Department of Biblical Studies (School of TEA)

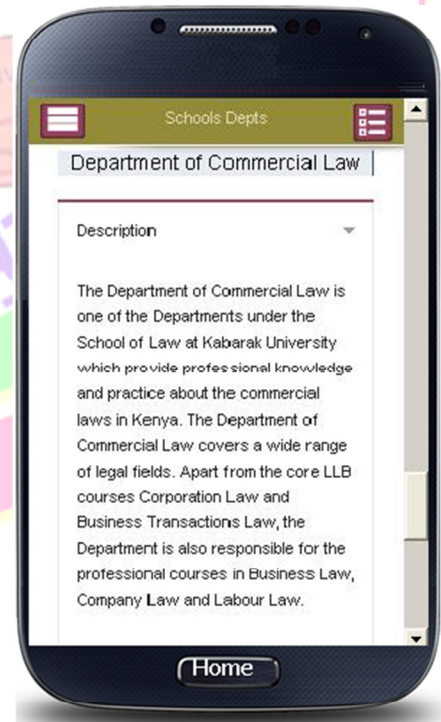


Figure 16: Department of Commercial Law

legal fields. Apart from the core LLB courses Corporation Law and Business Transactions Law, the Department is also responsible for the professional courses in Business Law, Company Law and Labour Law.



### **Department of Private Law**

The information shown in “Department of Private Law” option is as follows:

Department of Private Law is one of the Departments under the School of Law at Kabarak University which provides professional knowledge and technical skills about the Private laws in Kenya. The research interests of the members of the Private Law Department vary widely and span the entire field of East African private law including, of course, customary law. Areas which are currently the focus of the research programmes of individual members of staff include: land law and land redistribution; the law of unjustified enrichment; family law; the law of contract; the law of succession; comparative law and the nature of legal systems; various facets of legal history generally; and the jurisprudential and historical context of private law.

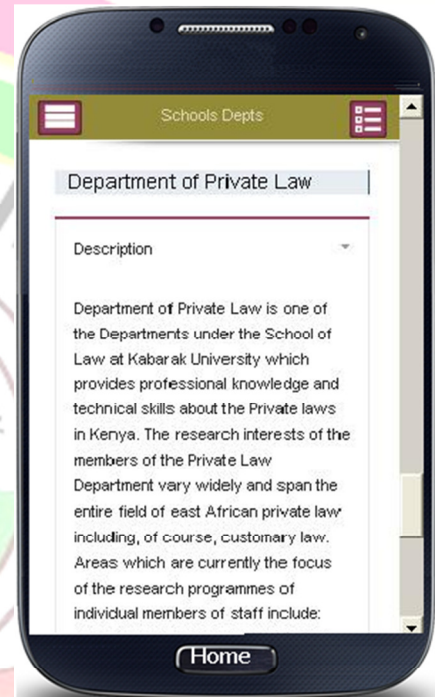


Figure 17: Department of Private Law



### **Department of Public Law**

The information shown in “Department of Public Law” option is as follows:

Department of Public Law comes under the School of Law at Kabarak University which has the team of professional lecturers to provide professional knowledge and effective education in the field of Public laws in Kenya. The Department of Public Law is responsible for undergraduate courses in specialized topics within the broad fields of Constitutional Law, Administrative Law, Human Rights, Environmental Law, International Law and Criminal Justice.

The Department is truly cosmopolitan in terms of staff and student composition and continues to produce cutting edge research in wide-ranging specialized areas of Public Law as well as conduct seminal inter-disciplinary and applied legal research.



### Department of Econ & Maths

The information shown in “Department of Econ & Maths” option is as follows:

The Department's excellent reputation, for the quality of its academic research and teaching, allow us to offer a full range of academic programmes - undergraduate to PhD programmes. We also provide modular certificate courses and customized training to various public and private sector organizations.

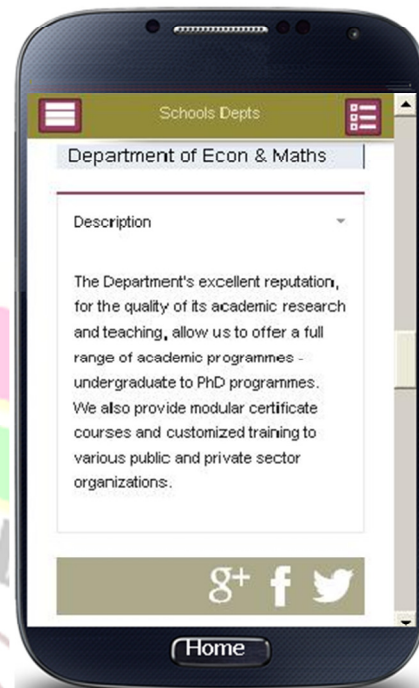


Figure 18: Department of Econ & Maths



### Department of Commerce

The information shown in “Department of Commerce” option is as follows:

The Department of Commerce aims to nurture creative and progressive expert managers coping with the business environment. We help students acquire special field of expert knowledge such as personal management, marketing, financial management, production management, and accounting and be equipped with the ability to act in various fields.

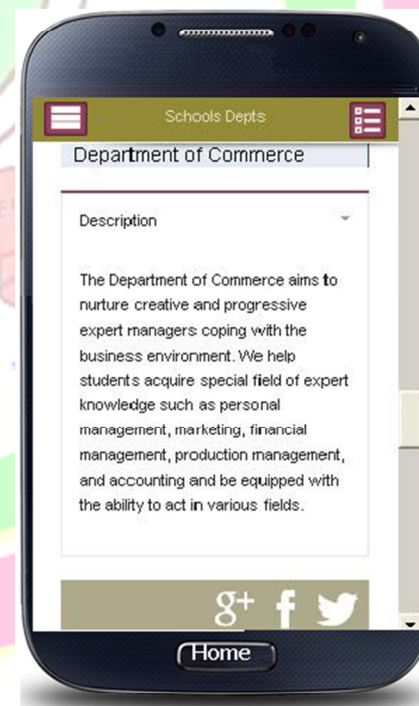


Figure 19: Department of Commerce



### Department of BMIT

The information shown in “Department of BMIT” option is as follows:

The Department of Business Management and Information Technology has highly qualified teaching staff. The Department offers Business Management and Information Technology program at undergraduate level. It focuses on the management issues of information technology in organizations. The degree is awarded by the School of Business.

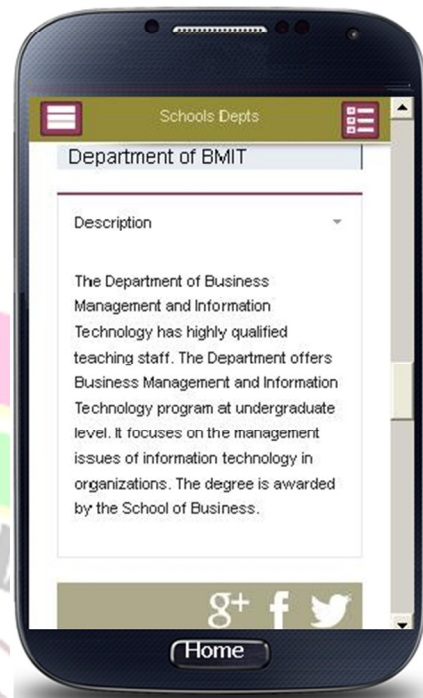


Figure 20: Department of BMIT



### Department of Nursing

The information shown in “Department of Nursing” option is as follows:

The Department of Nursing comes under the School of Health Sciences. This Department offers program challenges its students to become exceptionally compassionate, caring and competent nurse leaders who impact and transform their world and health care in general through uniqueness of Christ-inspired nursing practice.

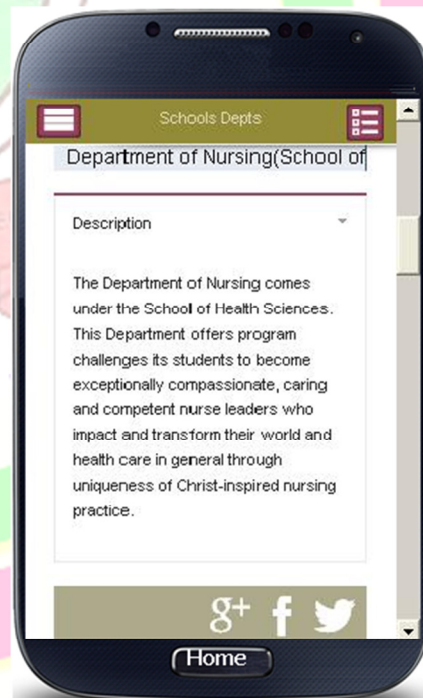


Figure 21: Department of Nursing



## Academic Programmes

There are several degree programmes offered by Kabarak University including post graduate, undergraduate, diploma, certificate, & others. The purpose of this link is to provide admission criteria, fee structure to the visitors through the mobile application.



## PhD

### Ph. D. In Environmental Science (Engineering or Technology or Management option)

Admission Requirements:

- Candidates wishing to pursue a Doctor of Philosophy (PhD) Thesis only option at Kabarak University must meet the following requirements:
- Have appropriate preparatory academic training and preparation as evidenced by at least one of the following:
- Be a holder of a Master's degree of Kabarak University.
- Be a holder of a Master's degree or equivalent academic qualification of any other recognized institution.
- Fulfill specific requirements as may be stipulated by respective schools and departments with regard to the field of study.

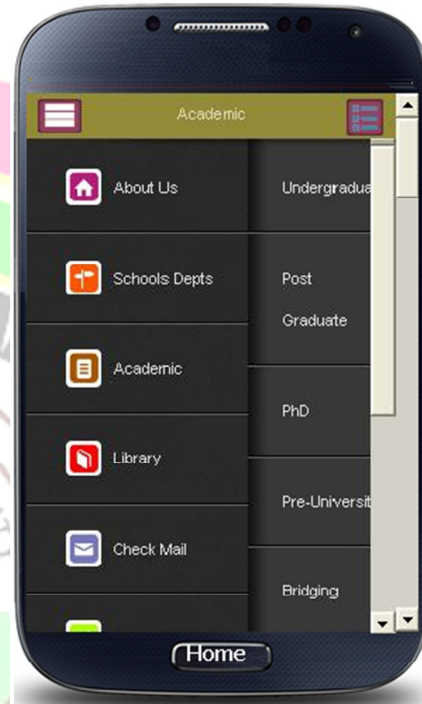


Figure 22: Ph. D. In Environmental Science



## Post graduate

Different schools have several post graduate degree programs managed by post graduate institute. The link provide detail information about these program like programme sub options, available in which campus, fee structure and admission criteria.

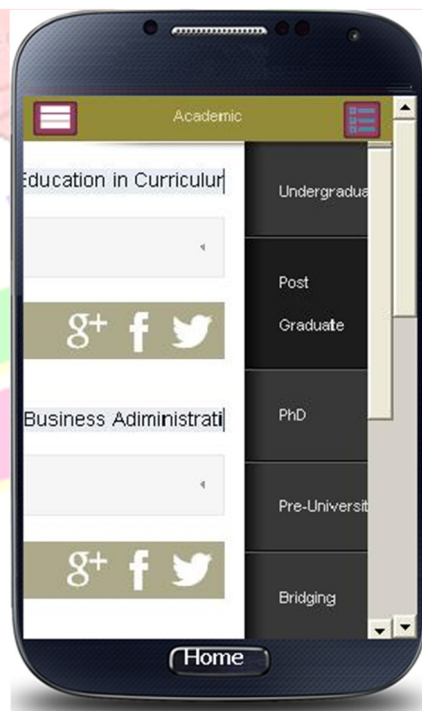


Figure 23: MBA





## **MBA**

Kabarak University offers graduates a chance to pursue a post graduate degree in Business Administration (MBA). The School of Business a wide range of options of specialization in our MBA curriculum, namely:

Accounting, Finance, Operational Management, Information Systems Management, Human Resource Management, Marketing, Entrepreneurship.

Admission Requirements:

Undergraduate Degree from an institute recognized by the University Senate.



## **M.Sc. Environment Sciences**

Masters Programmes in the pipe line (2 years)

- Admission shall be offered to holders of a Bachelor's degree with at least an Upper Second Class Honors or above or equivalent qualification from institutions recognized by Kabarak University.
- In exceptional cases, the Senate may also admit to the Master's Program candidates with lower second class honors but showing proven relevant research, professional and scholarly experience.
- Subject to approval by the Senate, Departments may formulate regulations requiring applicants to have attained other academic qualifications as may be consistent with the goals of their Master's programs. Candidates may be invited for interview to assess their suitability



## **M.Sc. Public Health**

Masters Programmes in the pipe line (2 years)

- Admission shall be offered to holders of a Bachelor's degree with at least an Upper Second Class Honors or above or equivalent qualification from institutions recognized by Kabarak University.
- In exceptional cases, the Senate may also admit to the Master's Program candidates with lower second class honors but showing proven relevant research, professional and scholarly experience.
- Subject to approval by the Senate, Departments may formulate regulations requiring applicants to have attained other academic qualifications as may be consistent with

the goals of their Master's programs. Candidates may be invited for interview to assess their suitability



### **M.Sc. Development Studies**

Masters Programmes in the pipe line (2 years)

- Admission shall be offered to holders of a Bachelor's degree with at least an Upper Second Class Honors or above or equivalent qualification from institutions recognized by Kabarak University.
- In exceptional cases, the Senate may also admit to the Master's Program candidates with lower second class honors but showing proven relevant research, professional and scholarly experience.
- Subject to approval by the Senate, Departments may formulate regulations requiring applicants to have attained other academic qualifications as may be consistent with the goals of their Master's programs. Candidates may be invited for interview to assess their suitability for admission.
- Under this option, candidates shall devote the entire period of study to taking prescribed courses, examinations and project.



### **Master of Education in Curriculum Studies**

Admission Requirements:

Undergraduate degree in Education with Second Class Honors (Upper) or an equivalent qualification recognized by the Commission for University Education (CUE); OR Second Class Honors (Lower Division), or an equivalent qualification recognized by CUE, and at least two years relevant work experience after graduation.

Campus: Main Campus, Nakuru Campus.

Tuition Fees per Semester (Ksh) 60,000

Duration: 4 semesters



### **Undergraduate programmes**

Kabarak University offers several undergraduate degree programmes. This link provide the admission criteria, fee structure etc. visitors can also share their area of interest information

with their friends through Google plus, Facebook and twitter. The idea behind this facility is to advertise Kabarak University on social media.



### **B.Sc. Computer Science**

Admission Requirements:

Minimum mean grade of C+ in KCSE, with C+ in Mathematics and Physics.

OR

A credit pass at Diploma level or equivalent qualification from recognized institutes. Those with Pre-University Certificate with Cumulative Weighted Average (CWA) of a C may be admitted.

OR

Principal passes at A level, one of which must be in either Mathematics or Physics obtained from the same sitting.

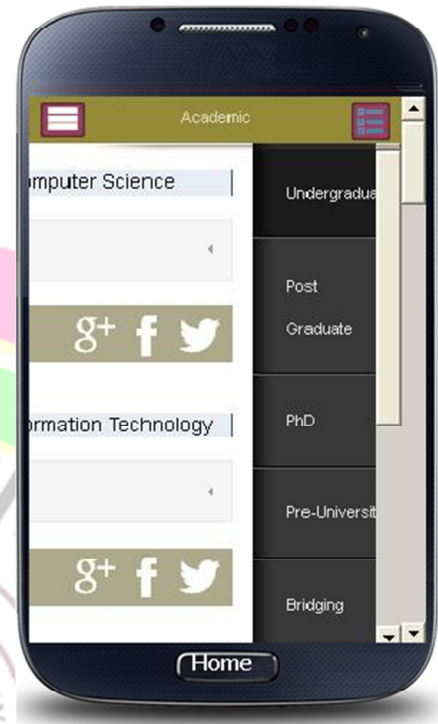


Figure 24: B.Sc. Computer Science



### **B.Sc. Information Technology**

Admission Requirements:

A minimum mean grade of C+(C Plus) in KCSE.

OR

A Minimum of credit Pass at diploma level or equivalent qualification from recognized institutes.

OR

Two Principal passes at 'A' level obtained at one sitting.

OR

Two Principal passes obtained at different sittings provided the scores are of grade C and above.



### **B.Sc. Telecommunication**

Admission Requirements:

Minimum mean grade of C+ in KCSE, with C+ in Mathematics and Physics.

OR

A credit pass at Diploma level or equivalent qualification from recognized institutes. Those with Pre-University Certificate with Cumulative Weighted Average (CWA) of a C may be admitted.

OR

Principal passes at A level, one of which must be in either Mathematics or Physics obtained from the same sitting.



### **B.Sc. in Maths, Physics, Chemistry, Botany & Zoology**

Admission Requirements

A minimum mean grade of C+ in KCSE and C(Plain) in Chemistry, Biology, and C(Plain) in Mathematics or Physics. Added advantage for those with C(Plain) in Geography.

A Credit pass at Diploma from a recognized Institute.

OR

Two principal passes at A level obtained at one sitting or two principal passes obtained at different sittings provided the scores are of grade C(Plain) and above equivalent qualifications.



### **B.Sc. in Environment Science**

Admission Requirements:

KCSE C+ with C (plain) in Biology, Chemistry, Geography, and Physics or Mathematics

Campus: Main Campus.

Tuition Fees per Semester(Kshs): 60000.

Duration: 8 Semesters.



### **B.Sc. in Nursing**

Admission Requirement:

KCSE C+ with C+ in Chemistry, Biology, English

or

Kiswahili, Physics or Mathematics.

Campus: Main Campus.

Tuition Fees per Semester (KShs): 75000.

Duration: 12 Trimesters.



## **Bachelor of Business Management & Information Technology (BMIT)**

Admission Requirements:

KCSE C+ with C (plain) in Mathematics and English.

Campus: Main Campus, Nakuru Town Campus.

Tuition Fees per Semester (Kshs): Main Campus 60,000, Nakuru Town Campus: 50,000

Duration: 8 semesters



## **B.Sc. in Economics & Mathematics**

The BSc Mathematics and Economics provides a broad education in mathematics and the main concepts of Microeconomics and Macroeconomics. The programme concentrates on the methods and modeling techniques of mathematics, but also provides the theoretical background for these ideas. You will develop knowledge of a range of mathematical skills together with an understanding of the principles of economics.

Admission Requirements:

KCSE C+ with C+ in Mathematics

Campus: Main Campus.

Tuition Fees per Semester (Kshs):60,000.

Duration: 8 semesters



## **Bachelor of Commerce**

The Bachelor of Commerce degree is a four-year degree programme that is designed to provide the student with a wide range of managerial skills while at the same time building competence in a particular area. The curriculum thus focuses both on academic subjects, such as statistics, mathematics and economics, as well as practical business subjects, such as accountancy, law, management, marketing, finance, etc.

Options:

Human Resource

Management,

Entrepreneurship

Management, Finance,

Accounting, Operations

Management, Marketing,

Strategic Management

Admission Requirements:

KCSE C+ with C(plain) in Mathematics and English

Campus: Main Campus, Nakuru Town Campus, Nairobi Campus

Tuition Fees per Semester (Kshs) 60,000 (Main), 50,000 (Nakuru), 55,000 (Nairobi)

Duration: 8 semesters



### **Bachelor of Law**

Admission Requirements:

KCSE C+ with B (plain) in English, or a recognized degree with KCSE B (plain) in English.

Campus: Main Campus.

Tuition Fees per Semester (Kshs): 75000.

Duration: 8 Semesters.



### **Bachelor of Theology**

Admission Requirements:

KCSE C+, or Diploma in Theology with. Credit pass at Diploma level from a recognized / accredited Bible College with a G.P.A.of least 2.5 with a C (Plain) in KCSE.

Campus: Main Campus, Nakuru Town Campus.

Tuition Fees per Semester (Kshs): 45000.

Duration: 8 Semesters.



### **Bachelor of Education**

BED ARTS ACADEMIC PROGRAMMES COMBINATIONS

- i. Geography, Christian Religious Education and Education
- ii. Geography, Kiswahili and Education
- iii. Geography, History and Education
- iv. History, Kiswahili and Education
- v. History, Christian Religious Education and Education
- vi. Music, History and Education
- vii. Music, Christian Religious Education and Education
- viii. Music, Computer and Education
- ix. Music, English and Education

- x. Literature, English and Education
- xi. Business Education, English and Education
- xii. Business Education, Computer and Education
- xiii. Business Education, Mathematics and Education
- xiv. Geography, Mathematics and Education
- xv. Geography, Business Education and Education
- xvi. History, Business Education and Education.

#### ENTRY REQUIREMENTS

Applicants to these programmes must:

- a) Have a mean grade of C+ in KCSE and C+ in two teaching subjects
- b) Have a Diploma in related field
- c) Have A level (2 principal passes)

#### FORTHCOMING ACADEMIC PROGRAMMES.

PhD in History

PhD in English

PhD in Sociology

PhD in Music

PhD in Journalism and Mass Communication

PhD in Political and Administrative Studies

PhD in Geography

PhD in Kiswahili

PhD in Statistics

PhD in Linguistics and Communication

MA in History

MA in English

MA in Sociology

MA in Music

MA in Journalism and Mass Communication

MA in Political and Administrative Studies

MA in Criminology and Criminal Studies

MA in Governance Studies

MA in Geography



BA in Criminology and Criminal Studies

BA in History

BA in English

BA in Sociology

BA in Music

BA in Political Science

BA in Geography

BA in African Languages and Literature

BA in Journalism and Mass Communication

BA in Governance Studies

Certificate in Music

Certificate in Governance Studies

Certificate in Criminology and Security Studies

Diploma in Music

Diploma in Governance Studies

Diploma in Criminology and Criminal Studies

Admission Requirements:

Applicants to this program must:-

Have to minimum grade of C+ in KCSE.OR

Credit pass at Diploma level from a recognized / accredited Bible College with a G.P.A.of least 2.5 with a C (Plain) in KCSE.

Must have a conviction of God's call to Ministry.



### Diploma

There are many students who have lower grade in school and want to do some further course. That is why Kabarak University also offers several diploma level programmes. This link under the academic is useful for those who want to know the course available, admission criteria, fee structure.

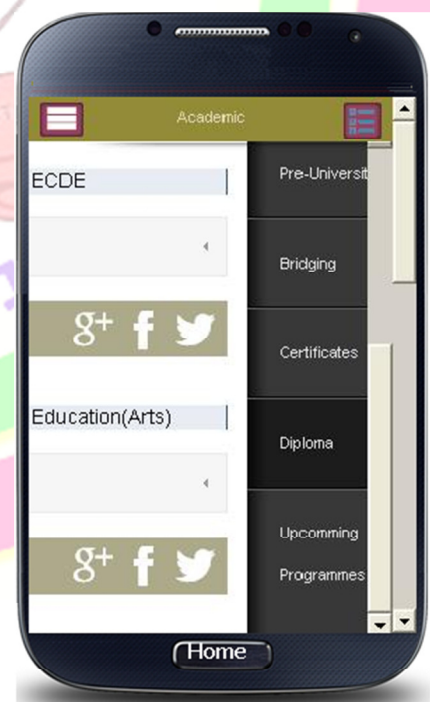


Figure 25: Diploma





### **Diploma in ECDE**

Admission Requirements:

KCSE C (Plain); or Two principles at “A”Level; or P1 Certificate or ECDE certificate recognized by Kabarak University.

Tuition Fees per Semester:30,000

Duration: 6 sessions (inclusive of teaching practice)



### **Diploma in Education (Arts)**

Admission Requirements:

KCSE C+ with C+ in each of the teaching subjects. In addition, the applicant should have at least a C (plain) in English and a D+ in Mathematics; or One principle and two subsidiaries at “A “ Level with credit, and a credit pass in each of the two teaching subjects; or P1 Certificate

Tuition Fees per Semester: 30,000

Duration: 6 sessions (inclusive of teaching practice)



### **Diploma in Theology**

Admission Requirements:

KCSE C (Plain)



### **Diploma in Information Technology**

Admission Requirements:

Applicants must have minimum entry requirements as specified by the rules and regulations of Kabarak University.

Applicants must have passed with at least C (Plain) mean grade at KCSE level or other equivalent examination or qualification recognized by Kabarak University.

In satisfying the minimum entrance requirements of Kabarak University, applicants must in addition have minimum grades against each subject as follows:

The applicant must have at least C (Plain) in Mathematics.

The applicant must have at least C (Plain) in any Pure or Physical Science.



### **Diploma in Computer Science**

Admission Requirements:

Applicants must have minimum entry requirements as specified by the rules and regulations of Kabarak University.

Applicants must have passed with at least C mean grade at KCSE level or other equivalent examination or qualification recognized by Kabarak University.

In satisfying the minimum entrance requirements of Kabarak University, applicants must in addition have minimum grades against each subject as follows:

The applicant must have at least C in Chemistry or C+ in Physical Science.

The applicant must have at least C in Physics or C+ in Physical Science.



## CERTIFICATE

There are some technical and business oriented certificate programmes offered by Kabarak University. The Mobile application also provides information about such programmes.



### Certificate in ECDE with IT

Admission Requirements:

KCSE C-



### Certificate in Education (ECE)

Admission Requirements:

KCSE C-, or two principal passes at "A" Level

Tuition Fees per Semester:KSh 20,000

Duration: 4 sessions(inclusive of teaching practice)



### Certificate in Information Technology

Admission Requirements:

KCSE Mean Grade C (Plain).

Holders of Diploma or Degrees in areas other than Information Technology.

KCE Division III or any other equivalent as approved by Kabarak University.



### Certificate in Computer Science

Admission Requirements:

KCSE C-



Figure 26: CERTIFICATE

Certificate in Information Technology

Admission Requirements:

KCSE Mean Grade C (Plain).

Holders of Diploma or Degrees in areas other than Information Technology.

KCE Division III or any other equivalent as approved by Kabarak University.



### Pre-University

The Pre- University Programme is specifically designed for those students wanting to gain entrance to university but have not gained minimum entry requirement of C+ (C plus) needed for admission to any undergraduate degree programme. The programme is focused on students gaining necessary skills and knowledge to successfully integrate into the university degree system. The course covers a specific range of subjects depending on the degree programme a student selects.

#### ENTRY REQUIREMENTS

Applicants must have a KCSE minimum mean grade of C (C plain) or equivalent. In addition applicants should have obtained at least grade C (C plain) in the cluster of subjects required for respective degree programme the applicant wishes to enroll.

#### COURSE DURATION

The course duration is one year and students enrolled for Pre-university Programme will be able to complete the course in one academic year consisting of two seventeen week semesters

#### APPLICATION DEADLINES

The Pre-university programme is run in Three Semester blocks starting in January, May and September of each year. Applicants who wish to be considered for admission in any block must apply before the deadlines shown below.

January intake Application deadline December 15th

May intake Application deadline April 15th

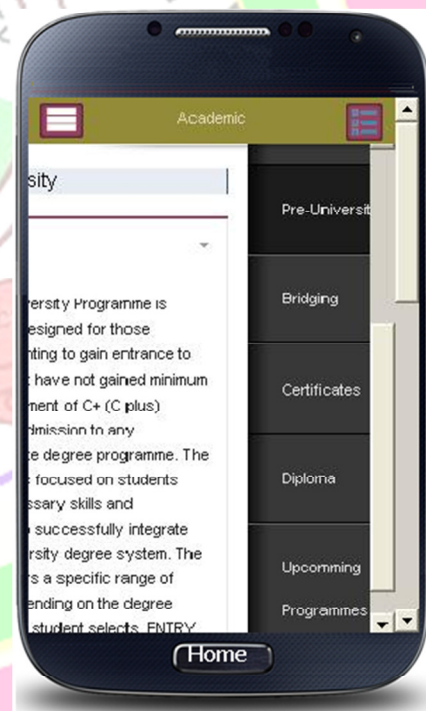


Figure 27: Pre-University

September intake Application deadline August 15<sup>th</sup>



**Bridging** (Maths, English, Chemistry, Physics, Biology)

This course is primarily intended for students who have qualified to join university by attaining a minimum grade of C+ (PLUS) in Kenya Certificate of Secondary Education (KCSE) but cannot be admitted into a degree programme because they do not have the required grade in a certain subject area. The course also caters for students wishing to undertake Diploma courses. The Bridging course enables a student to upgrade his/her KCSE grade and hence obtain the correct subject combination grades for a degree / diploma programme

#### Objectives

To assist the student acquire and understand the basic principles of their subject of study in order to build a solid foundation for advanced courses in Sciences, Business and Arts.

To strengthen the students' skills and capacity in the subject.

To enable the student attain the minimum requirements for tertiary education.

Inculcate in the learner a positive attitude towards the subject and towards learning in general.

#### Admission Requirements:

A minimum mean grade of C+ at KCSE for those wishing to proceed to undergraduate degree programmes. KCSE mean grades lower than C+ may also be accepted for students wishing to proceed to Diploma and Certificate programmes in Kabarak or other institutions

#### Course Structure

The bridging course is a two month intensive programme. Learning starts in the first week and the examinations are done in the eighth week. The course covers different unique modules in the respective subject area with an aim of enabling the student appreciate the various facets of the subject they are bridging in. Normally a student takes five modules for each subject they are bridging in.

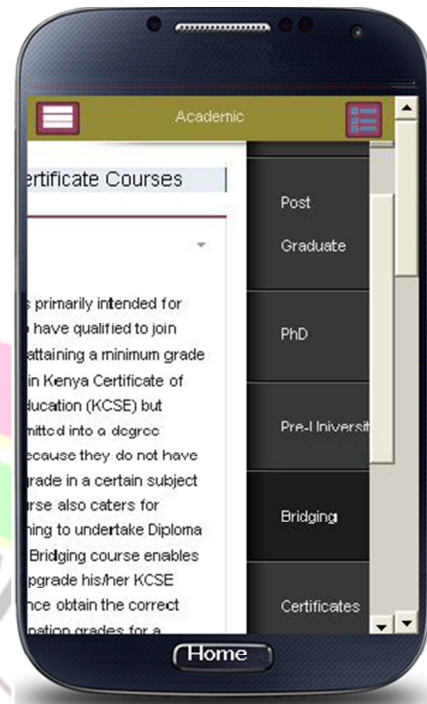


Figure 28: Bridging



### Upcoming Program

Institute's objective is to provide several options of programmes to our customers. Therefore, schools in Kabarak University are also working on new programmes which are the demand of market. This link provides brief information of those programmes which are on the pipeline and going to start soon. So this link is very useful for those who are looking for new programmes at Kabarak University.

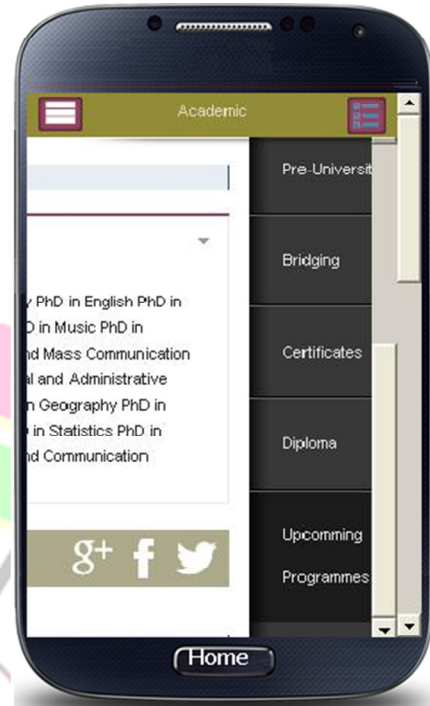


Figure 29: Upcoming Program



### Images

This link provides the latest images of students, staff and Kabarak University. This link is help for advertising Kabarak in Graphics way. These images could be easy to updates.



Figure 30: Slides images