

Library



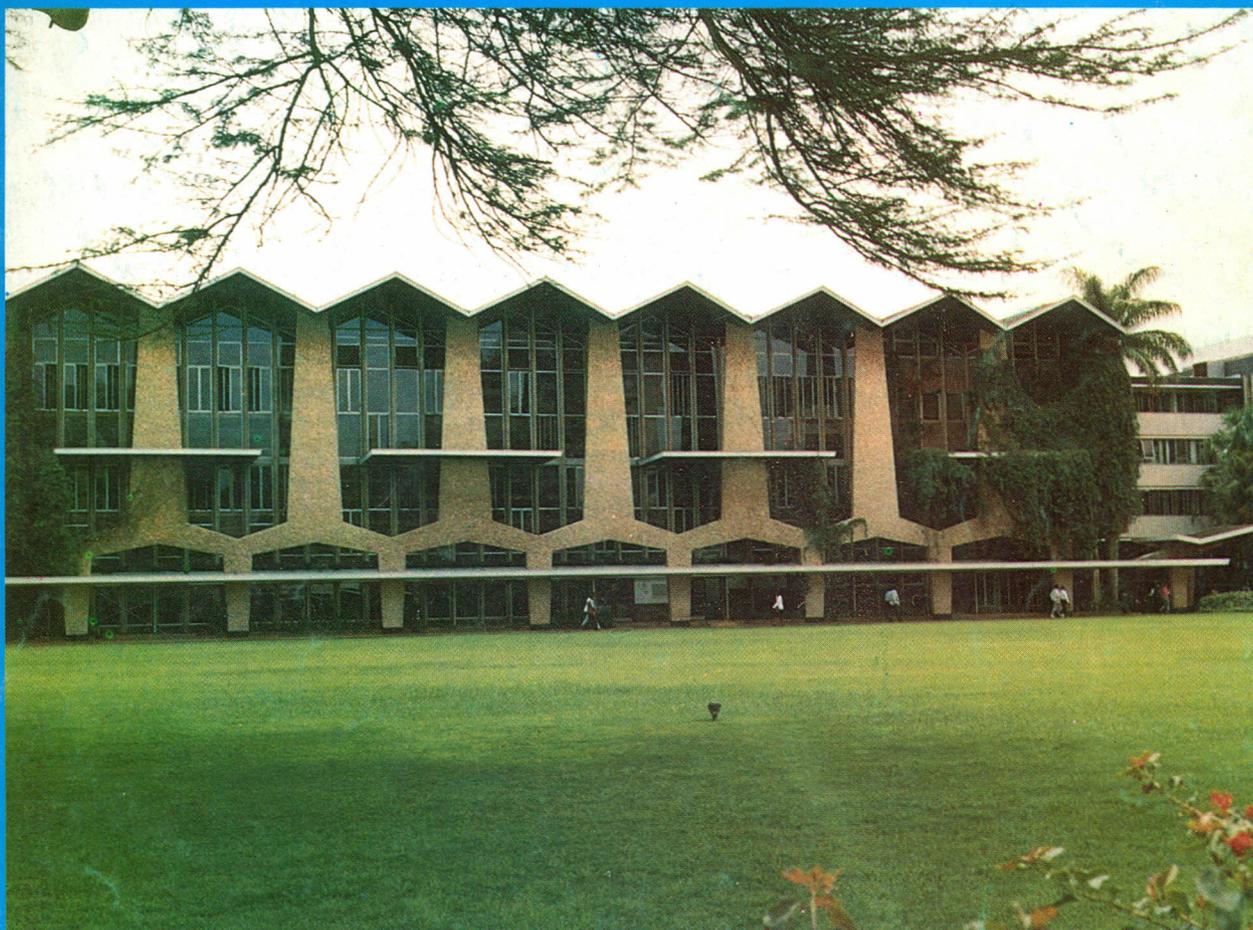
Varsity Focus

A Newsletter from the Office of the Vice-Chancellor

No. 71

University of Nairobi

February 1991



University of Nairobi Press successfully launches its maiden Kiswahili Publication, *Maisha, Kitendawili na Johari* by Daisaku Ikeda ahead of a major launching ceremony planned for its other fourteen titles next month. ... P 17

INSIDE While many scientists strive to utilize nuclear science and technology for military purposes, scientists at the University of Nairobi's Centre for Nuclear Science Techniques have embarked on a programme designed to harness Nuclear technology for peaceful purposes only. ... P 8

CONTENTS

UNIVERSITY OF NAIROBI

Varsity Focus

is published by
the Office of the
Vice-Chancellor

Editors

B.O. Gogo
J. K. Musyoka (Miss)

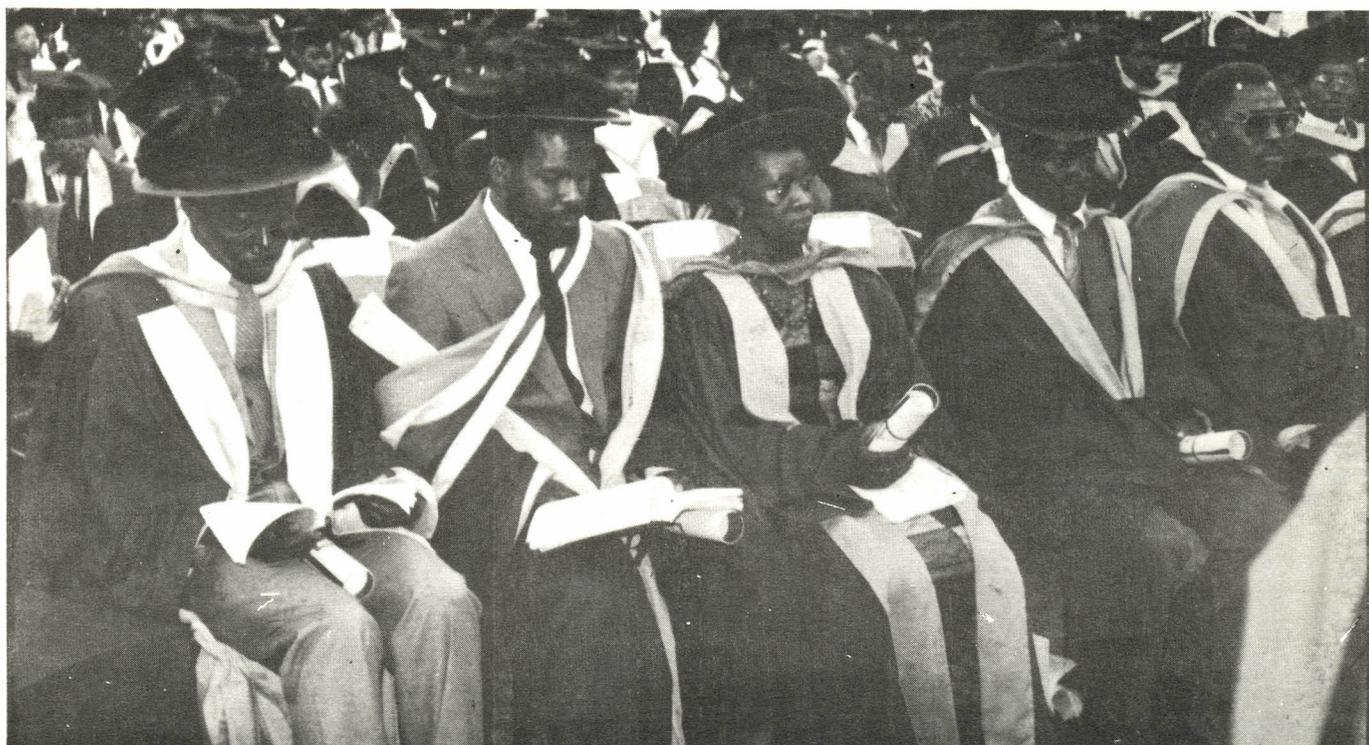
Typesetters

Angeline Thyaka
Elsa Odongo
Margaret Mutua

Printers

Impala Printers & Stationers
P.O. Box 51956,
Nairobi

New terms of service for Staff	2
Launching 8-4-4 Education System	4
Faculty adopts 8.4.5 Degree Syllabus	6
Focus on Nuclear Centre	8
Honorary Award for Chancellor	9
Students Receive Prizes	9
Department launches Drug Information Centre	10
International Medical Conference	11
Japan Boosts Faculty' s Research Capacity	12
NewHall for Students	13
Professorial Appointments	14
Deans Committee Awards	16
Research and Publications	17
Long Service Awards	23



Members of the University Academic Staff during one of the graduation Ceremonies: Greater Job Security

Council Boosts Staff Morale

Tutorial fellows, Graduate Assistants/Graduate Research Assistants, Assistant Lecturers to enjoy more benefits such as gratuity, house allowance, medical and leave allowance.

The Nairobi University Council recently approved a number of adjustments to the terms of service for Graduate Assistants/Graduate Research Assistants, Tutorial Fellows and Assistant Lecturers.

The New terms of service which became effective from December 1990, include the following:

- (i) The present requirement of a first degree for appointability as a Graduate Assistant/Graduate Research Assistant be continued but with the proviso that the prospective appointee be registered for this University's Masters degree.
- (ii) The basic criterion for appointment to lectureship in the University be a total of seven years, a period when one obtains a First degree, a Masters degree, and relevant industrial and/or teaching experience
- (iii) Seven years should be used as a base for determining salary entry



Invaluable Rapport: members of the University Council and Senate during the recent Council-Senate Luncheon

points for lectureship, making the necessary adjustments to accommodate longer programmes.

- (iv) Appointment of Tutorial Fellows/ Assistant Lecturers be based on the disciplines and years of training as indicated hereunder:

a) Category A

1. Architecture
2. Medicine
3. Dental Surgery
4. Pharmacy
5. Veterinary Medicine

Holders of a good first degree are appointable as Tutorial Fellows and, depending on their academic progress, may be appointed Assistant Lecturers.

b) Category B

1. Agriculture
2. Building Economics
3. Commerce
4. Design
5. Engineering
6. Land Development
7. Law

Holders of a Masters degree are appointable as Tutorial Fellows. To be considered for appointment to lectureship they will be required to have a minimum of two years relevant industrial/teaching/research experience and be registered with the appropriate professional bodies, or show evidence of progress in Ph.D research or possess academic publications.

c) Category C

1. Arts
2. Education
3. Institute of Development Studies
4. Institute of African Studies
5. Institute of Computer Science
6. Institute of Diplomacy and International Studies.
7. School of Journalism
8. Population Studies and Research Institute
9. Science
10. Social Sciences

Holders of a Masters Degree are appointable as Tutorial Fellows. They will be expected to acquire two years relevant teaching/research experience before they can be considered for lectureship. In addition, they will be expected either to have registered for Ph.D or possess academic publications.

TERMS OF SERVICE

Tenure of Appointment

a) Graduate Assistant/Graduate Research Assistant

Appointment continue to be at Grade C/D on one-year contracts renewable by mutual consent. However, during the contract they will be granted the usual benefits for Grade C/D except that, being on contract and, therefore, not pensionable, they will be paid gratuity according to the prevailing rates.

b) Tutorial Fellows

The period of appointment of Tutorial

Fellows was extended from the current one year to two years renewable once.

e) Assistant Lecturers

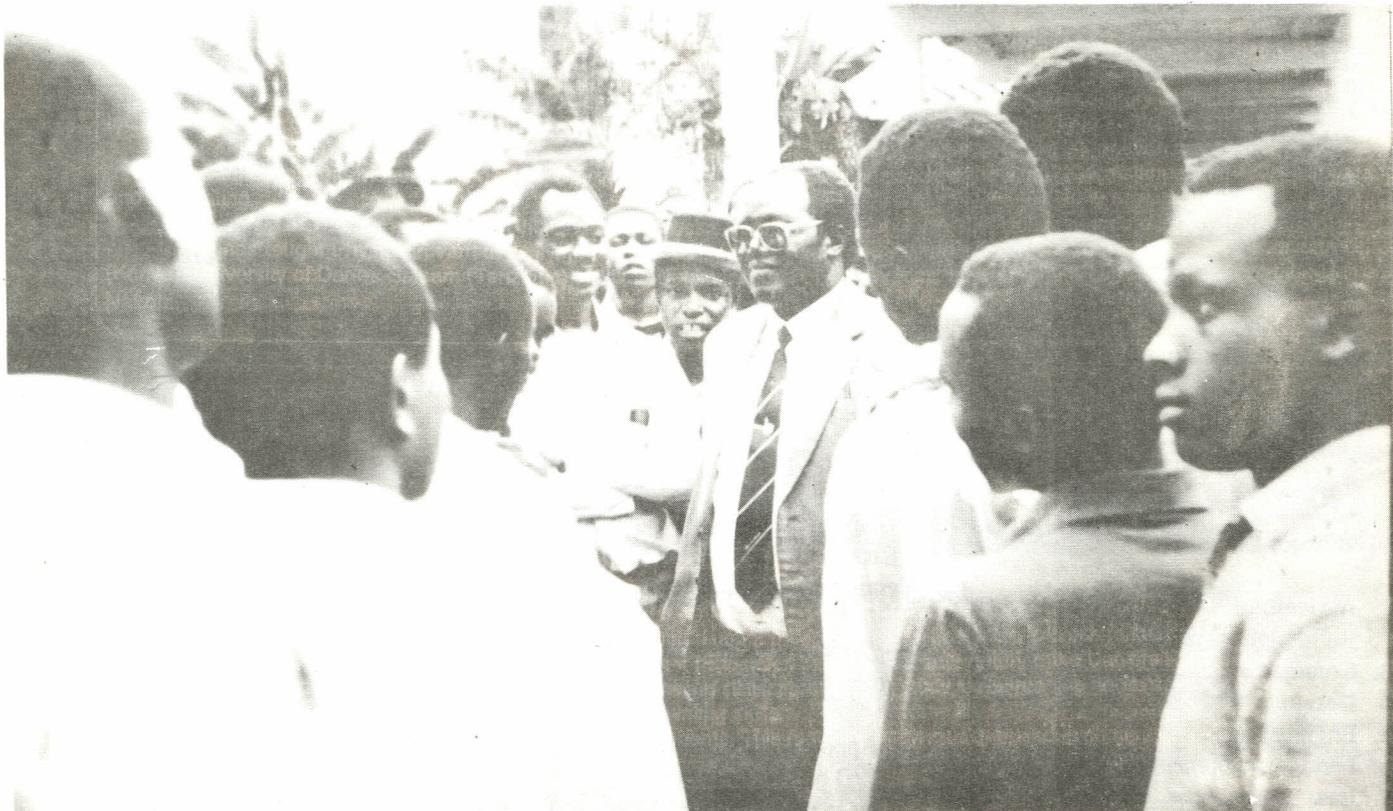
The tenure was changed from the present contractual arrangement to permanent and pensionable terms of service.

OTHER RECOMMENDATIONS

Council also approved the following:

- (i) Beneficiaries of University of Nairobi sponsorship be bonded to serve the University for three years on completion of their studies unless otherwise released by the University.
- (ii) The University of Nairobi will endeavour to harmonise fringe benefits payable to its staff with those of other public universities.
- (iii) University of Nairobi should effect the Council - approved periodic reviews of the terms of service
- (iv) Tutorial Fellows maximum teaching hours per week should not exceed six
- (v) Holders of one-year Masters degrees be appointed Tutorial Fellows on a three-year contract renewable once, for a further two-year term during which period they should be required to audit selected courses in the internal Masters programmes.

Varsity Launches New Education System



Prof. Mbithi pays close attention to students views during one of his many informal encounters with the students

The 8-4-4 system of education is set to provide more practical training, increased awareness and appreciation of the national socio-political and economic reality besides enhancing interaction among students from various disciplines.

The University of Nairobi continues to maintain its high academic standards by adhering to the internationally set teacher-student ratio despite the recent increase in student numbers, the Vice-chancellor prof. Phillip Mbithi has said.

In his first speech to the first group of 8-4-4 freshers at Taifa Hall recently, Prof. Mbithi reiterated that the University's academic programmes remain "as intensive and competitive as before".. Appealing to the 8-4-4 freshers to establish their goals and priorities, Prof. Mbithi noted that the whole nation is anxiously watching the progress of the 8-4-4 students during their stay at the university.

The University admitted 3,200 A level students and a further 3000 8-4-4 students late last year, bringing the total student population to over 15,000. The admission of the 8-4-4 students belies the long period of planning and hardwork among the academic and administrative staff to ensure that the 8-4-4 system of education is successfully implemented.

The concept of the 8-4-4 system of education emanated from the Mackay Report of the Presidential working party on the second public university in Kenya.

The novelty of the new education system is its persistent emphasis on practical education, especially in the areas of agriculture and technology. It emphasises the importance of socio-cultural

studies as the basis for appropriate use of science and technology for socio-economic development and political integration. As a result, the report recommended the provision of common courses for all undergraduates in cultural and development studies "to enhance the interaction between arts and science students".

Prof. Mbithi told the freshers that the focus of University education was "to discover knowledge, train students and develop their skills, integrate and disseminate knowledge mainly through lectures and publications. It is intended to prepare students to serve the society more forcefully by developing appropriate skills and attitudes that will enable them to use



The Dawn of a New Era: Some 8-4-4 students listen attentively to the Vice-Chancellor moments before he addressed them at Taifa Hall

their knowledge and skills for the betterment of our society. He challenged the freshers to strive to create a conducive academic climate in the country.

The Vice-Chancellor, however, pointed out that the University trained students to be independent thinkers and actors as it respected individual freedom hence, the responsibility rests solely upon each student to chart out the path his academic life will follow while at the University. "However in the lecture theatres, tutorials, laboratories and during 'cats' or at the end of every semester, you will be expected to deliver at a higher intensity than what you did at form four. A student who cannot successfully browse in the library and strengthen his lecture notes is at risk. A student who cannot engage in lively debate on an intellectual issue or a point raised in class is perhaps in the wrong place", he said.

Prof. Mbithi also posed a challenge to the 8:4:4 students urging each of them to reflect on what his contribution to the University will be after the four (4) or

six (6) years duration. He cautioned the students against confrontation and intolerance and appealed to them not to be swayed by crowd psychology thus degenerating into rumour mongering and agitation. "Any agitator should be quickly isolated and ignored" he said.

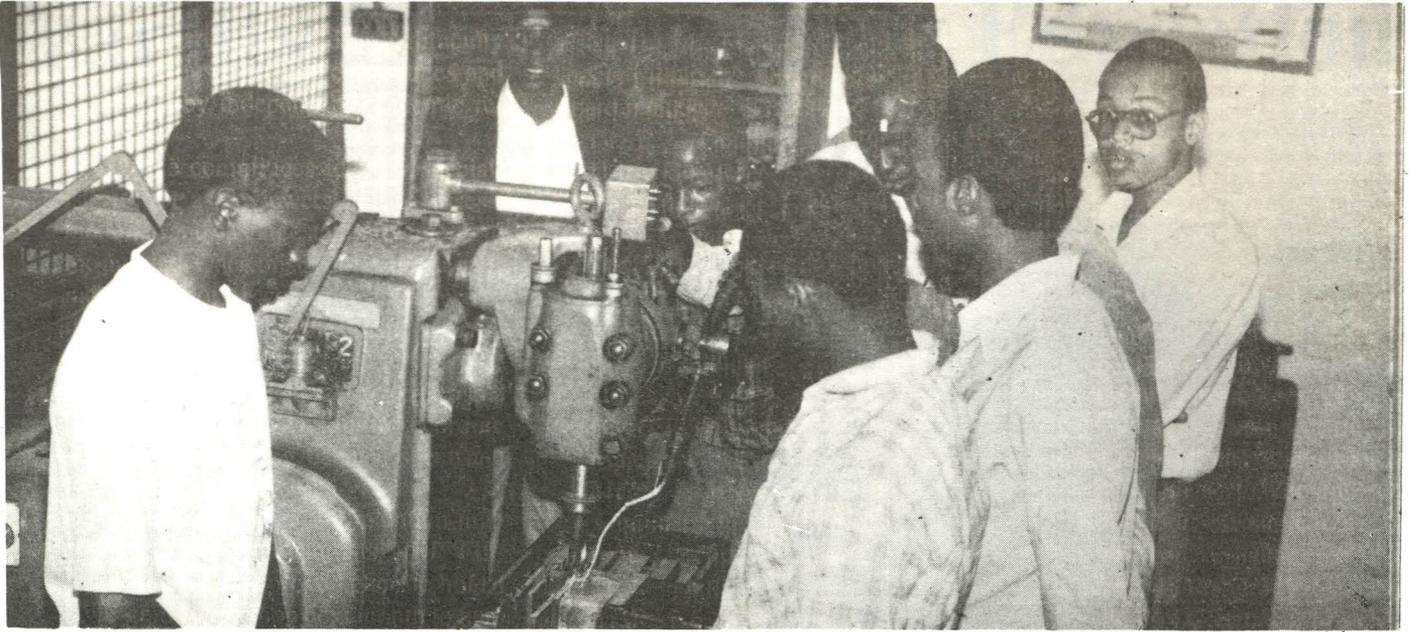
On student academic and welfare matters, Prof. Mbithi advised the freshers to join their respective college based organizations and professional associations in order to make them effective channels of communication between the students and the two highest academic and administrative organs of the University, namely the University Senate and University Council.

The Vice-Chancellor further reiterated the University's firm belief in and commitment to the maintenance of maximum dialogue between students and the Administration to ensure the sustainance of an optimum environment for academic debate, creativity and stability. In addition Prof. Mbithi appealed to the students to make use of the free facilities offered

by the University to make their social and academic life meaningful and comfortable.

Headvised freshers to be cautious about indulging in social excesses and to avoid loneliness. "The first problem is how to cope with loneliness and frustrations" he said. He advised the freshers to learn to discuss both their social and academic problems with their fellow-students, hall wardens, teachers and friends because such problems tend to influence one's overall performance.

The Vice-Chancellor further appealed to the freshers to be on their guard against over-indulging "in social excesses such as drinking, noise-making womanizing (collecting), manizing, drug abuse and keeping long hours in town". On the AIDS scourge currently sweeping across the world, Prof. Mbithi warned the students against the dangers of liberal sex. "The days of zero grazing are here with us. You must avoid social excesses that might ruin your precious life and your university career" he said.



Blending theory with practise: Various groups of first year 8.4.5 Engineering students attending practical sessions at the faculty's workshop

Faculty adopts 8.4.5 Degree Syllabus

As the University launches the new education programme (8.4.4), *Varsity Focus* will carry detailed accounts of various courses offered by different faculties. In this issue, we carry the courses offered by the Faculty of Engineering which has adopted a unique academic programme - 8.4.5.

The University Senate recently approved a proposal by the Faculty of Engineering to launch the 8.4.5 BSc. Engineering degree programme, the Dean of the Faculty of Engineering, Prof. A.V. Otieno disclosed to *Varsity Focus*.

The new programme, said Prof. Otieno, provides students with the opportunity to engage in independent academic enquiry, blend theory with practical lessons, enhance interaction with students from other disciplines and participate in extra-curricula activities.

Under the new programme, a candidate seeking admission into the faculty must not only satisfy the minimum entry points (which may vary from year to year) but also perform well in one of the following alternative clusters of subjects in Kenya Certificate of Secondary Education (KCSE):

Alternative A

Physics, Chemistry, Mathematics, Biol-

ogy, Geography.

Alternative B.

Physical Sciences, Biological Sciences, Mathematics, Geography, plus any of the Group III subjects: i.e Home Science
Art and Design
Agriculture
Woodwork
Metal work
Building Construction
Power Mechanics
Electricity
Drawing and Design.

The degree course to be undertaken by the freshers would fall under the following three broad categories:

(i) Basic Sciences

These include: Physics, Chemistry, pure mathematics and applied mathematics

(ii) Introductory Engineering

Courses.

These include:

Computer Science
Engineering Drawing
Material Science
Introduction to Agricultural Engineering
Introduction to Mechanical Engineering
Introduction to Surveying.

(iii) Common Undergraduate Courses

These would include courses in: Communication skills and several courses in Development studies: According to the Report, first year students would take a course "Communication skills" and two Development studies courses while the second years would take three Development studies course giving a total of six common undergraduate courses.

The syllabi for courses taken in the subsequent years, states the Report, are designed to ensure that the students study mainly engineering courses as well as those in mathematics. Some departments



Prof. A.V. Otieno: Dean, Faculty of Engineering.

will also take courses in law, management, and computer science. The following are areas of specialization to be undertaken in

(1) Agricultural Engineering:

- Thermodynamics/Heat Transfer
- Farm Machinery/Agricultural Mechanization
- Renewable Energy Resources
- Agricultural Process Engineering
- Design of Agricultural Structures
- Farm and Rural Electrification
- Rural Water supply/Irrigation Drainage
- Soil and Water Conservation .
- Farm Management and Agricultural Extension.

(2) Civil Engineering

- Theory of Structures/Structural Design
- Hydrology
- Water Resources Engineering
- Transportation Engineering
- Geotechnical Engineering
- Public Health Engineering
- Engineering Management
- Computer Applications/Numerical Analysis
- Operations Research
- Engineering Survey

(3) Electrical and Electronics Engineering

- Analogue/Digital Electronics
- Computer Science/Microprocessors

- Mathematics/Numerical Analysis
- Electromagnetics/Electrodynamics
- Computer Aided Design/Manufacturing CAD/CAM
- Control Engineering
- Electrical Machines and power Generation
- Power Electronics & Variable Machine Drives
- Electrical Power Systems
- Telecommunications/Electroacoustics
- Microwave Theory and Applications/Antennas
- Engineering Management
- Mechanical Engineering

4) Mechanical Engineering:

- Thermodynamics/Heat Transfer
- Fluid Mechanics
- Industrial Management
- Mechanics of Machines
- Solid Mechanics
- Materials Science/Material Processing
- Electrical Engineering
- Production Technology
- Engineering Design
- Management for Engineers
- Law for Engineers
- Air conditioning & Refrigeration
- Operations Research
- Mathematics
- Computer Aided Design CAD/CAM

5) Surveying and Photogrammetry

- Surveying
- Cadastral Surveying
- Photogrammetry
- Geodesy
- Information Systems/Remote Sensing
- Hydrographic Surveying
- Close Range and Terrestrial Photo
- Land Law
- Management for Surveyors
- Urban and Rural Planning
- Engineering Surveying
- Map Projections
- Cartography/Automated Cartography
- Electromagnetics
- Field Astronomy Geophysics
- Mathematics/Numerical Analysis.

In addition to the above, subsequent years of study in the various programmes would also include fourth term/practical Assignment sessions in between academic years as well as industrial visits and attachments.

However, just as in the previous years each student finalist in all Departments in the faculty must design a final year project which is examined as a two-unit course.

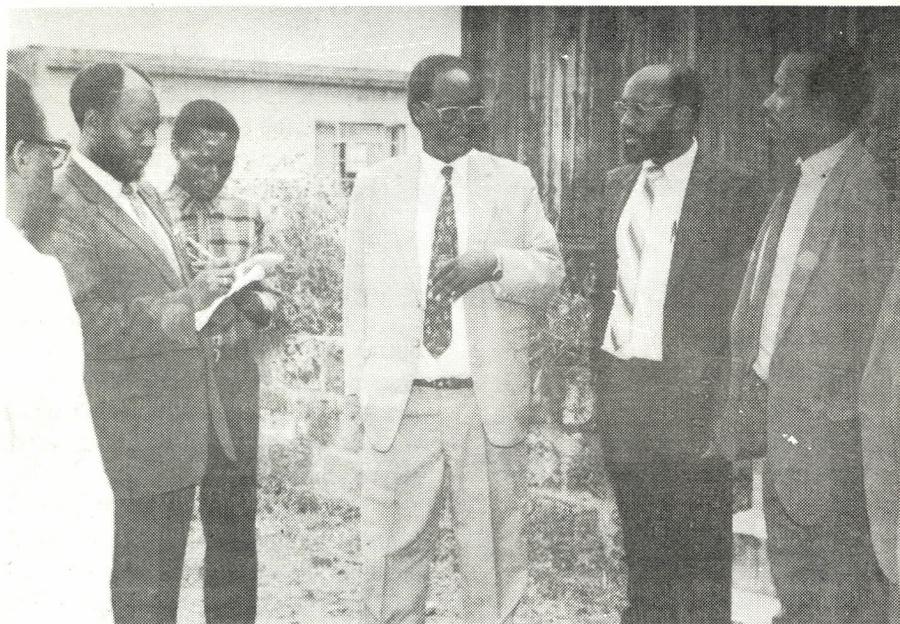
Under the new programme, students who graduate will have completed 73-76 course units and the classification of the Degree award will be based on the performance in the fourth and fifth years of study.



Women at work: A female student carries out benchwork fitting exercise at the Faculty's workshop under the supervision of the Dean of the Faculty, Prof. Otieno.

Harnessing Nuclear Technology

While many scientists, in most countries, strive to utilize nuclear science and technology for military purposes, scientists at the University of Nairobi's Centre for Nuclear Science Techniques have embarked on a programme designed to harness Nuclear technology for peaceful purposes only.



The Vice-Chancellor, Prof. P. Mbithi (centre) accompanied by the Principal of the College of Architecture and Engineering Prof. Gechaga (2nd Left) and the Principal of the College of Humanities and Social Sciences, Prof. O. Mutungi, listen to the briefing on the activities of the Centre by the coordinator Mr. Anthony Kinyua (3rd right)

The creation of the National Radiation Control Board in Kenya signals the growing demand and concern in the country for products associated with nuclear science and technology, the coordinator of the Centre for Nuclear Science Techniques, Mr. Anthony Kinyua said recently.

Mr. Kinyua said the Center currently engages in such activities as radiotherapy, analysis of trace elements in soil and water, tsetse fly control and environmental pollution monitoring.

Based at the Department of Electrical and Electronics Engineering, the Department which was launched in 1979, is funded mainly by the University of Nairobi. It also receives substantial donor support from organisations such as the National Council for Science and Technology, the International Atomic Energy Agency.

For example, the current Neutron Activation Analysis (NAA) source at the

centre was inherited from the former Royal College.

The Centre is manned by four teaching staff, six technicians, Research Fellows and a secretary. The main activity at the Centre is research in analysis of trace elements in biological and environmental samples. These include, he said, solid rocks, Archaeological artefacts, blood and urine samples. The technique used is Gamma, X-ray fluorescence Spectroscopies and non destructive testing (NOT)

Research conducted by the centre on industrial effluents in the city of Nairobi has shown high levels of toxic elements which, if discharged into a river, can endanger both human and marine life through the food chain. The Nairobi river, for instance, he said, has been "found to be heavily contaminated mostly due to the relentless discharge of Industrial effluents into the river".

The centre concentrates on the analysis of trace elements because some of them are toxic or potentially toxic even

when taken in low concentrations. Ironically, even those elements essential to the body become toxic if taken in excess.

The Centre collaborates with research institutes like the Kenya Museum; The Smithsonian Institution, The Kenya Medical Research Institute (KEMRI), and some departments of the University of Nairobi. It also offers services to Government Departments such as the customs and Excise, Mines and Geology and Portland Cement

In a recent research on the correlation between trace elements and certain diseases, the Centre established strong evidence linking high concentration of trace elements in blood to certain diseases. For instance, "Patients suffering from meningitis loose a lot of zinc due to tissue decay", said Mr. Kinyua who headed the study. He suggested that "such patients should, perhaps, be given elemental supplements along side any prescribed curative medication.

The Centre is also involved in training personnel in X-Ray Fluorescence Analysis, XRFA techniques from countries such as Sri Lanka, Ivory Coast, Tanzania and Zambia.

"Currently, we are producing liquid nitrogen for our domestic use", said Mr. Kinyua, but added that the Centre is exploring possibilities of commercially manufacturing liquid nitrogen to meet the growing demand in the country. The only other producer of liquid nitrogen in Kenya is the East African Oxygen Ltd.

The Centre, he further disclosed, is currently involved in maintaining nuclear equipment in the country. When fully operational, the Centre will save the country a lot of foreign exchange.

When asked by *Varsity Focus* how safe it is to work with elements associated deal with nuclear radiation, Mr. Kinyua was quick to respond, "The Centre is very safe."

Prizes Galore for Bright Students

The Vice-Chancellor Professor P.M. Mbithi has asked critics and friends of the University to be objective when assessing the manner in which the University executes its academic programmes. He criticised the tendency by some people to assume that University academic standards have gone down due to large student numbers.

Addressing donors and prize recipients during the 1990 Annual Prize-giving ceremony, Prof. Mbithi assured Kenyans that the academic standards at the University of Nairobi are as high as ever. He thanked private organizations for their continued assistance to the University.

He challenged both private and public organisations to be fully involved in the design and execution of the University academic programme since they are the eventual consumers of graduates. He invited such organisations to suggest new fields of study which the University does not offer at the moment and which are critical in the maintenance of a stable private and public sector.

Prof. Mbithi assured the guests that the University has maintained a record of excellence as evidenced by the external examiners reports and scrupulous adherence to internationally estab-



Prof. Mbithi presents a prize to one of the best students in the Faculty of Commerce.

lished staff/student ratios and student contact hours. He announced that with the introduction of 8:4:4 education system, the Senate is planning to increase student/staff contact hours in some courses.

Giving a vote of thanks on behalf of the donors, Mr. Amos Wako, a prominent Nairobi Lawyer, urged private organisations to continue assisting the University to enable it realise its objectives. He lauded the efforts of the University in consistently maintaining high academic

standards.

During the 1990 Annual Prize-Giving ceremony, a total of 42 prizes were presented.

The occasion was attended by the Deputy Vice-Chancellors, Principals of Colleges, Deans, representatives of various donor organisations, students and staff.

Chancellor Receives Honorary Award

The Chancellor of the University of Nairobi, His Excellency President Daniel Arap Moi was recently awarded a honorary Ph.D degree by Soka University, Japan

During the ceremony, the President of Soka University, Mr. Kazuo Takamatsu cited President Moi's commitment to the promotion of peaceful co-existence among nations, concern for the welfare of the youth and his unparalleled devotion in the service of the people of Kenya as some of the reasons for the Award.

In his address, President Moi thanked the founder of Soka University, Mr. Daisaku Ikeda for his commitment towards promoting global Peace. The Chancellor underscored the need to prepare the youth adequately to face future challenges.

On arrival at Soka University

campus, the President was met by Jubilant students chanting KARIBU!, KARIBU! waving Kenyan flags and an O'chestra playing popular Kiswahili patriotic songs. During the occasion the President noted that Nairobi University Press has published the Kiswahili version of President Ikeda's book - *Life an Enigma, A Precious Jewel (Maisha: Kitendawili na Johari)*. He said that the book will further enhance cultural exchange between the two nations.

Soka University signed an academic link agreement with the University of Nairobi in 1989. The link agreement has provision for staff and students exchange therebetween the two institutions.

Already a member of staff from the University of Nairobi is currently pursuing a P.h.D degree at Soka University. The link has also facilitated exchange of



The Chancellor; Received Honorary Award reading materials.

Among others present during the occasion were Mr. Daisaku Ikeda, founder of Soka University and President of Soka Gakkai International, several Kenya cabinet ministers, Prof. Philip Mbithi and staff of Kenya's Embassy in Tokyo, Japan.

Department Launches Drug Information Center

The University of Nairobi's, Department of Pharmacy, has established a Drug Information and Poison Control Centre to provide free services to members of the public on poison treatment and management of drug related ailments.

According to the Director of the centre, Dr. James N. Ombega, the Centre will operate 24 hours daily and has established two hot line numbers 726770/726300, extension 2178.

In addition, the centre has also launched a bi-monthly newsletter, "The NU-Pharmacotherapy Drug Information

Bulletin" to disseminate drug related information such as drug therapy, drug effect on human trials, reports on clinical research and news from clinical centres around the world.

Prospective subscribers to the newsletter, according to the editorial of the first issue will include anyone with a desire to become a more knowledgeable "health care practitioner, clinical researchers and medical students".

The centre will also conduct a research programme to assess all new drugs marketed in Kenya and avail the results to health institutions in the country.

The establishment of the centre has generated a lot of public interest particularly the possibility that it will asses all new drugs available in the country and provide information to members of the public regarding their positive and negative effects.

Problems of food poisoning and use of drugs with deadly side effects has been a source of concern both to members of the public and the medical profession in particular.

Strengthening Security

The University of Nairobi recently held a seminar seeking to strengthen and streamline services rendered by its security personnel. The seminar, held at Lower Kabete Campus, sought to improve the participants' work performance and to acquaint them with the functions of the various organs of the University.

Speaking on behalf of the Deputy Vice-Chancellor (Administration and

Finance) during the closing ceremony, the Ag.Principal of the College of Biological and Physical Sciences, Prof. Frederick N. Onyango, urged the security officers to be good custodians of the University property and to apply skills that they had acquired at the seminar.

Prof. Onyango reminded them of the need to be alert and disciplined. He praised the organizers of the seminar for their foresight in preparing for the work-

shop. He was particularly impressed by the displays of beats and patrols and urged participants to apply this skills to ensure that intruders were kept at bay while the safety of both the University property and personnel was maintained.

Topics covered during the seminar included writing report , basic law, evidence, court procedures and disposal as well as undertaking drill to remain physically fit.



Tightening Security: Members of the Security Personnel pose for a picture after the Seminar

Faculty holds an International Medical Conference

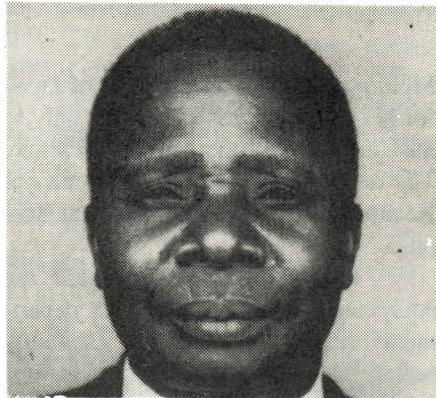
The Faculty of Medicine last month held an International Conference on epidemiology at a Mombasa hotel, the Dean, faculty of Medicine, Prof. H.O. Pamba told *Varsity Focus*.

The one week conference, which was attended by over 300 participants worldwide, was opened by the Director of Medical Services, Prof. Joseph Oliech.

The Conference was sponsored by the Rockefeller foundation and is held annually as part of a worldwide programme intended to help train clinicians from third world countries to conduct research in areas such as Biostatistics, Clinical Economics, Medical Sociology and Research Methodologies.

The programme was first conceived at the Havard School of Medicine in the early 80's and has since expanded worldwide with five permanent training centers established in the US, Australia and Canada. In addition, 30 medical schools from various developing countries have also been selected to form Clinical Epidemiology Units (CEU).

In Africa, six medical schools have been selected to form the CEU's. These include universities of - Nairobi (Kenya), Addis Ababa (Ethiopia), Suez Canal (Egypt), Makerere (Uganda), Zimbabwe, Cameroon and Ibadan (Nigeria).

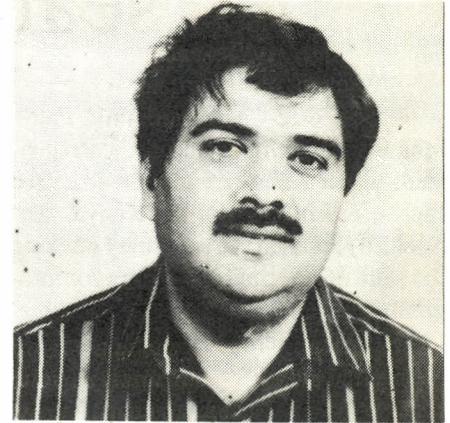


Prof. Pamba, Dean Faculty of Medicine

According to the Director of Clinical Epidemiology Unit (UON) Medical School, Dr. H.C. Sanghvi, the unit seeks to:

- train undergraduate, postgraduate and members of the Faculty of Medicine in the field of Clinical Epidemiology and research methods
- apply epidemiology research skills and ideas to better the management of individual patients
- develop infrastructure needed to support and facilitate research work done by medical doctors and students.

The Rockefeller Foundation, disclosed Dr. Sanghvi, gives each unit \$ 25,000 grant annually to ensure that the activities under the programme are carried out.



Dr. Sanghvi, Unit Director

Giving a brief history of CEU at the University of Nairobi Medical School, Dr Sanghvi said the idea to start the unit was first conceived in 1985 but was only implemented in 1988 by the first batch of clinicians trained abroad under the programme. So far, he said, eight faculty members have benefited from the training.

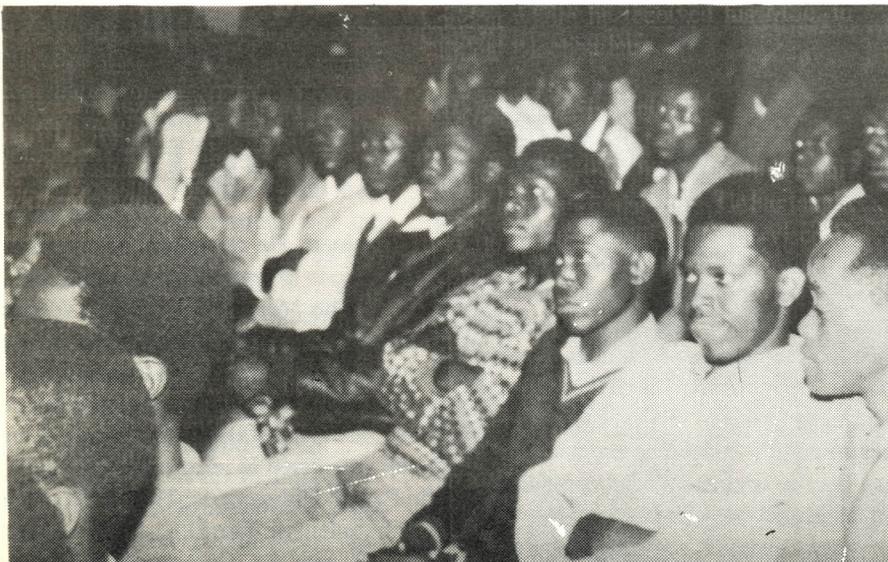
Prof. Pamba further revealed that the faculty in 1989 held a one-week course aimed at exposing participants to the various aspects of Clinical Epidemiology.

He explained that the CEU has also developed a curriculum to be used by undergraduate and postgraduate students. In addition the Faculty of Medicine has recommended to Senate that courses in Clinical Epidemiology should be taught at the Medical School. This course is scheduled to take place in July, this year.

Prof. Pamba hailed members of the CEU whom he said were actively involved in the development of ethical and research committee, responsible for approving proposals for research projects.

He noted with satisfaction that the Clinical Epidemiology Unit, has been selected the regional centre for training in the sub-Saharan Africa.

According to Prof. Pamba, the Faculty of Medicine (UON) started participating in these conferences, organized under the programme and sponsored by the Rockefeller Foundation in 1988.



Participants listen attentively during one of the proceedings of a conference held recently at the University of Nairobi

Japan Boosts Faculty's Research Capability

The Vice-Chancellor, Prof. Philip Mbithi last month received medical equipment worth KShs. 1.5 million from the Japanese Ambassador to Kenya, Mr. Naohiro Kumagai at a ceremony marking the start of a technical cooperation programme between Japan International Cooperation Agency (JICA) and University of Nairobi

The equipment, which will be used by the University's Department of Medicine to conduct research on gastrointestinal diseases) included an endoscopic system machine, a multi-player, a camera, video tapes and photographic film.

Speaking at the ceremony, Prof.

Mbithi praised the Government of Japan for her continued assistance not only to the University, but the country as a whole. The function was held at the Faculty of Health Services, Kenyatta National Hospital.

The Vice-Chancellor said the equipment, would enhance the department's research and teaching capability noting that Kenyan Scholars in various fields had made significant research breakthroughs often, with less sophisticated equipment and under difficult circumstances.

"It is because of such obstacles that

we greatly value goodwill gestures such as what we are witnessing today. I am convinced that our scholars will take advantage of this opportunity to widen their scope of research and to intensify their efforts in finding lasting solutions to problems facing mankind", he said.

Prof. Mbithi also reiterated the University's willingness to develop new links with other Universities world-wide and said such arrangements allowed for staff and students exchange programmes as well as conducting joint research.

According to the terms of agreement, JICA will sponsor two Japanese Medical Specialists from Yokohama City University, School of Medicine to the Faculty to hold joint practical endoscopy for postgraduate students and doctors.

Speaking during the occasion, the Japanese Ambassador noted with satisfaction the great contribution his country has made towards improving health services in the country.

"The improvement of health services has a high priority in Japan's Aid Policy to Kenya", he said.

Japan has been involved in many medical cooperation projects in Kenya such as the Rift Valley Provincial Hospital, Embu District Hospital, Kenyatta National Hospital, Kenya Medical Research Institute and Kenya Expanded Immunization Programme.



Prof. P. Mbithi peers through the Endoscopic machine as the Japanese Ambassador to Kenya Naohiro Kumagai (left) and the Principal of College of Health Sciences, Prof. Sinei look on

Faculty receives Xerox copier

The Faculty of Law, Parklands Campus, last month received a photocopier valued at KShs. 100,000/- from Rank Xerox (K) Ltd. The ceremony which was attended by the faculty's members of staff took place at the Deans Boardroom.

Speaking at the function the Principal, College of Humanities and Social Sciences Prof. Onesmus Mutungi, thanked the company for its assistance saying it was most opportune as the University was currently in dire need to provide enough teaching materials, with the implementation of the 8:4:4 education system.

Prof. Mutungi said the donation will greatly boost the Faculty's effort to improve quality of relevant teaching materials. He said, such donations greatly assist the University which doesn't have sufficient funds to provide all the teaching materials and has to rely on members of academic staff to develop them. The Faculty of Law currently caters for about 800 students.

Prof. Mutungi further explained that the University needed this kind of support to supplement government funds and ensure quality academic standards are

maintained. He called on other private institutions to emulate their example.

The Managing Director of Rank Xerox (K) Ltd, Mr. Wilfred Kibora, disclosed that his company in conjunction with British Council, was awarding Scholarships worth £600,000, annually, to Kenyans interested in pursuing Ph.D studies in British Universities. The first batch of such students left for U.K., last year. Also present was the Company's Customer Service Operations Manager, Mr. Martin Malinda.

New Hall Eases Student Congestion

In an attempt to ease off congestion at the student halls of residence, the University of Nairobi has put up one of the most modern and spacious hall on campus - architecturally designed with the concept of self-sufficiency in mind. The Mamlaka Road Hall, as it is popularly known, is estimated to cost KSh.78 million upon completion. So far, 95% of the work has been completed with only a few finishing touches like landscaping, remaining to be done.

Situated along the Mamlaka Road and directly opposite the famous students centre, the three-storied hall which is already in operation, has two wings-each with a capacity to house 250 students - and a kitchen at the centre. The kitchen is further designed with two in-built dining halls-each one of them appropriately facing the wing it serves.

According to the director of the Students Welfare Association (SWA), Mr. Jeremiah Laanoi, the new Mamlaka Hall's kitchen, has helped to ease congestion when feeding students due to the swell in student population, especially after this year's double-intake consisting of 3,200 "A" level students and about 3,000, 8:4:4 freshers.

Initially, the Central Catering Unit (CCU) used to feed over 2,000 students in both its upper and lower sections while Kitchen 1 fed about 1,300 students. However, the opening of Mamlaka Hall and its kitchen which feed over 1,000 students daily says Mr. Laanoi, has further decentralized the feeding system and thus eased off pressure from the other two older kitchens.

Prior to the admission of the 8:4:4 candidates to the main campus mid-last month, the CCU used to feed 1,958 students, Kitchen One 1,380 and Mamlaka about 1,200 daily under the existing shift feeding system. This number, says Mr. Laanoi, must however have increased after the admission of the last batch of 8:4:4 students in this year's double-intake.

Mr. Laanoi observes that the feeding situation usually worsens on days when all the kitchens serve special meals like chicken, meat balls and *chapatis*, popu-

larly called 'dialogue' or 'albums' by students. On such days he laments, some students roam from one kitchen to another thus forcing cateresses to plan to feed extra heads so as to avert any ugly incidences which food shortage could provoke.

According to Mr. Laanoi, the Mamlaka Road Hall, like the Mandela Hall in Upper Kabete Campus of Agriculture, was designed by the University's Research and Consultancy Unit, with the concept of students halls of residence being self-sufficient in all aspects. As a result, each of the two wings (A and B) is equipped with a T.V. room and a recreation hall. Another noticeable facility is the underground water tank with a water capacity of about 50,000 litres, which helps out in times of water shortage.

Such a construction design, Mr. Laanoi says, helps to make student life more comfortable. "It gives students ample time to study and relax. It gives them a sense of belonging and helps them build a spirit of comradeship among students living in the small hall community" he said adding that it was for such reasons that Mamlaka currently remained the high hall of residence in demand by students.

To further easen the life of students

who in the past had to suffer dust during the dry season and mud in the rainy season, Mr. Laanoi says, the University also had the Mamlaka road which lies adjacent to the hall, tarmacked and high bumps constructed at strategic distances in order to reduce the speed of motorists and discourage matatu drivers from using it.

At the Kikuyu Campus also, a hall similar to Mamlaka but one being built on a much grandeur scale, is coming up. The new hall, known as the Kikuyu Complex when completed will boast of having its own kitchen, dining hall, recreation rooms, T.V. rooms, a student centre and students common rooms on every floor thus stretching the idea of self-sufficiency, even further.

The University of Nairobi also gave the Central Catering Unit (CCU) a major facelift in a bid to make life more comfortable for students at the main campus. In the period prior to this year's graduation ceremony, the CCU's floors were redoned with wooden tiles, the sides of the walls repainted and wooden-panelled while the workshop and dressing rooms on the ground floor were also renovated. It is currently the University's formal reception venue for the Vice-Chancellor, especially for functions which involve a large gathering of people.



Alleviating student Congestion: The Giant Mamlaka Hall built at a cost of Kshs.78 million.

Professor J.B. Ojwang

Prof. J.B. Ojwang has been appointed on promotion as a full professor in the Department of Private Law.

Educational Background

Prof. Ojwang received his L.L.B and LL.M. degrees from the University of Nairobi in 1974 and 1977 respectively. He joined the University of Cambridge in 1978 and obtained Ph.D degree (Constitutional Law) in 1981.

Teaching and Supervision

He has taught undergraduate students and supervised 10 postgraduate students in Kenya and other countries.

Publications

Prof. Ojwang has published 16 articles, a number of chapters in books and many reviews in internationally recognised journal. He has also co-edited the book *The S.M. Otieno Case: Death and Burial in Modern Kenya* (Published in 1989 by Nairobi University Press).

Current Research

His current research interest is in the area of Constitutional Law and Private Law. He has an impressive list of research work in these two fields to his credit.

Dr. Judith M. Bahemuka

Dr. Judith M. Bahemuka has been appointed on promotion as Associate Professor in the Department of Sociology.

Educational Background

Prof. Bahemuka received her B.A., M.A. and Ph.D degrees from the University of Nairobi in 1970, 1974 and 1977 respectively.

Teaching and Supervision

Prof. Bahemuka has taught many undergraduate students. She joined the University of Nairobi in 1974 and has successfully supervised 18 post-graduate students and two doctoral candidates.

Publications

Prof. Bahemuka has actively disseminated her research work and published extensively. She has four books to her credit and over 20 papers published in referred journals.

Current Research.

Prof. Bahemuka's research interest lies in the field of socio-economic, religious and cultural factors that affect the child, mother and the Kenyan society at large.

Dr. D.A.O. Orinda

Dr. Donald A.O. Orinda has been appointed on promotion as Associate Professor in the Department of Human Pathology.

Educational Background

Prof. Orinda obtained his MPharm and Dr. Nat. Sc. degrees from the University of Bratislava, in 1969 and 1971 respectively. He later joined University of London where he received his MSc. in Clinical Biochemistry.

Teaching and Supervision

Prof. Orinda has a wealth of university teaching experience. He has taught undergraduate students and supervised 22 postgraduate students in the department.

Publications

Prof. Orinda has published 20 papers in reputable journals. He has already submitted a manuscript to the Nai-

robi University Press for publishing.

Current Research

His research interest lies in the area of Clinical Chemistry which includes enzymology, nutrition, metabolism, paediatrics and endocrinology.

Dr. Osaga Odak

Dr. Osaga Odak has been appointed on promotion as Associate Professor in the Institute of African Studies.

Educational Background

Prof. Odak received his M.A. (incorporal 1st degree) in Anthropology (1966) and Ph.D degree (Anthropology) from Friendship University, Moscow.

Teaching and Supervision

Prof. Odak has taught undergraduate students at the Institute of African Studies and supervised several postgraduate students.

Publications

Prof. Odak has published 14 articles in reputable journals and has contributed a number of chapters in books.

Current Research

Prof. Odak has a keen interest in the field of Anthropology. He has actively been involved in cross-cultural studies among the various ethnic groups in Kenya and the conservation of historic sites.

Dr. Micheal Muasya Mbalu

Dr. M.M. Mbalu has been appointed on promotion as Associate Professor in the

PROFESSORIAL APPOINTMENTS

Department of Surgery.

Educational Background

Prof. Mbalu joined Makerere University in 1967 where he obtained a MB.Ch.B. degree. He received his post-graduate education at the Kenyatta National Hospital.

Teaching and Supervision

He has taught undergraduate students and supervised a number of post-graduate students.

Publications

Prof. Mbalu has published 22 papers to his credit and a book on burns management.

Current Research

Prof. Mbalu has shown a keen interest in the area of plastic surgery and has made significant contributions in the Faculty of Medicine and also in the Burns Unit, at Kenyatta National Hospital. His latest research area is in the area of incidences and prevalences of cleft lips and palates in Kenya.

Dr. Simiyu Wandibba

Dr. Simiyu Wandibba has been appointed on promotion as Associate Professor in the Institute of African Studies.

Educational Background

Prof. Wandibba obtained both his B.A. and M.A. degrees from the University of Nairobi in 1973 and 1976 respectively. He joined the University of Southampton, England, where he received his Ph.D in 1980.

Teaching and Supervision

Prof. Wandibba has offered part-time services to the University of Nairobi for the last 10 years.

Publications

He has published an impressive list of papers and contributed a number of chapters in books.

Current Research

Prof. Wandibba is a qualified Archaeologist. His research interest lies in the area of field excavations, which he is actively involved.

Dr. Andrea E. Makokha

Dr. Andrea E. Makokha has been appointed on promotion as Associate Professor in the Department of Obstetrics and Gynaecology.

Educational Background

Prof. Makokha obtained Graduate Diploma in Medicine (equivalent M.B; ChB) from the Institute of Medicine (1970), Specialist Diploma in Obstetrics and Gynaecology (equivalent of M.Med) at Medical Academy (1975) and Diploma in Gastroenterology (1976) all from the University of Sofia.

Teaching and Supervision

Prof. Makokha first taught medical students and student midwives at University of Sofia from 1973. He joined the University of Nairobi in 1976. He has a wealth of University teaching experience and has supervised 10 postgraduate students.

Publications

He has published a number of papers in internationally reknown journals.

Current Research

His research interest lies in the area of maternal mortality and morbidity, infections in obstetrics, adolescent fertility and family planning contraceptives tech-

nology. He is currently conducting research in the influence of traditional herbs on maternal mortality and increasing community awareness with regard to vasectomy.

Dr. Samuel K. Sinei

Dr. Samuel K. Sinei has been appointed on promotion as Associate Professor in the Department of Obstetrics and Gynaecology.

Education Background

Prof. Sinei received his MB., ChB; degrees in Medicine and Surgery (1975) and M. Méd. in Obstetrics and Gynaecology (1981) from the University of Nairobi.

Teaching and Experience

Prof. Sinei has taught undergraduate students in the Department of Obstetrics and Gynaecology and has supervised a number of post-graduate students. Currently he is the Principal of the College of Health Sciences.

Publications

He has published a number of articles in reputable journals.

Current Research

Prof. Sinei is actively involved in research and is infact the principal investigator in a research project on the relationship between contraception and risk of Human Immuno Deficiency virus (HIV). His research broadly has been in the area of actiology and prevention of infectivity in Kenya and contraceptive technology.

Deans Committee Awards

International Symposiums and Seminars are important avenues of promoting international scholarship as they enable scholars to assess and compare their research approaches and methodologies.

Through such conferences, participating scholars have the rare opportunity of exchanging ideas, putting their's to test and grasping the trend of research interest world-wide.

Each year, the University of Nairobi gives about Ksh. 1.5 million on travel grant to enable her scholars participate in local and international symposiums and seminars. The Deans Committee is the body responsible for processing applications and requests for research and travel grants.

Mr. M.D. Nyarangi, former secretary to the Committee recently disclosed to *Varsity Focus* a list of the latest recipients of travel and research grants. The awards were approved by the Committee during its resumed 179th and 180th meeting.

Such grants, intended to meet conference expenses, are awarded on the understanding that concerned scholars must give a report and make available any printed/published documents to the Committee. Such documents are legally regarded as the joint property of the University of Nairobi and the involved scholars.

Dr. E.N. Waindi, a Senior Lecturer in the Department of Zoology was awarded KShs.58,918.00 in August last year, to present a paper during the 3rd European Congress on Cell Biology, held in Florence, Italy. Dr. Waindi presented a paper on his findings of *In-vitro* testosterone secretion by trypanosome infected mouse *Leydia* cells. The paper will be published in an international journal on these recent findings.

Dr. Nazrat M. Mirza of the Department of Paediatrics received KShs.25,870.00 to proceed for a 18-month doctoral programme in the Division of Nutrition, Department of International Health at John Hopkins University.

Dr. G.O. Krhoda of the Department of Geography was awarded KShs.40,944.00 to attend and present a paper during the International Conference on ground water resources management, held in Bangkok, Thailand. Dr. Krhoda presented a paper on *the Assessment of Ground-Water Quality and Management Strategies in Wajir, Kenya*. The paper was based on an on-going research on ground water resources in the sedimentary basin of Kenya which is supported by the Commonwealth Science Secretariat, the National Council for Science and Technology and Ministry of Water Development.

Dr. Henry W. Mutoro, a Senior Lecturer in the Department of History, was in August, 1990, awarded KShs.69,621.00 to attend a Soka University Pacific Symposium. The main theme of the Symposium was *Modern Expansion and Development of Pacific Basin Civilizations*. Dr. Mutoro presented a paper on *Global Education and Promotion of Peace between Cultures*. The paper will be published as proceedings of the Conference.

Mr. Wilson M. Ngecu of the Department of Geology, received KShs.58,998.00 to attend and present a paper at the 3rd International Archaean Symposium, held in Perth, Australia. Mr. Ngecu presented a paper on *the Sedimentation of the Kavirondian sediments within the Nyanzian shield in Western Kenya*.

Prof. George K. Kingoriah of the Department of Land Development was awarded KShs.57,416 to attend and present a paper during the IAPS 1 I/Metu-1990 Culture, Space and History International Conference, held in Ankara, Turkey, mid last year. Prof. Kingoriah presented a paper on *the Impacts of the City Structure of Mombasa, Kenya*. The paper explored the historical settlements of Mombasa and the effect of such settlements on the current urban structures. The paper may be published in a journal or as proceedings of the meeting.

Prof. Walter O. Oyugi of the Department of Government received KShs. 39,618.00 last August to attend and pres-

ent a paper at the International Conference on Bureaucracy and Development Policies in the Third World, held at the University of Amsterdam. Prof. Oyugi presented a paper on *Bureaucracy and Health Policy in Kenya*. The paper will be published as a chapter of a book.

Dr. Stephen M. Mutuli, a Lecturer at the Department of Mechanical Engineering was awarded KShs.25,588.00 to attend and present a paper during the 2nd symposium on Science and Technology, held in Harare, Zimbabwe, last year. Dr. Mutuli presented a paper on *Properties of Sisal Fibre reinforced Mortar*. The paper will be published as proceedings of the meeting.

Dr. E.K. Kang'ethe, a Senior Lecturer at the Department of Public Health was awarded KShs.30,000/- to attend and present two papers at the 26th International Congress of Meat Science and Technology and the Symposium on Bio-analytic methods, respectively. The former was held in Havana, Cuba while the latter took place in Prague, Czechoslovakia.

During the Havana Congress, Dr. Kang'ethe presented a paper on *the Determinants of Molecular weight, of partially purified Thermostable Muscle Antigen using Gel Filtration* while at the Prague Symposium, he presented a paper on *the Use of Immunoassay Techniques in Meat Species identification*. Both papers will be published as proceedings of the meetings.

Mr. Owandho-Charles O. Aono, of the Department of Biochemistry was last August awarded KShs.3 1,958/- to attend an 11-day ICRO Advanced Course on Biological membranes and Liposomes, held in Shanghai, China. The Course involved learning the use of SDS Polycrylamide gel electrophoresis to analyse and determine the relationship between different species of individuals; exposure to silver staining and immunoglotting techniques used in molecular biology; and techniques used for isolating and reconstituting membrane bound enzyme in liposomes, among others.

NUP releases its first Kiswahili title

Book to provide the estimated 50 Million Kiswahili Speakers "with food for thought about such fundamental topics as the irreplaceable value of life, the best ways for human beings to live and the future of the human race" - Daisaku Ikeda (Author)

Nairobi University Press will continue to cooperate with other foreign and local publishers through co-publishing ventures as part of its mandate to avail more reading materials to the Kenyan readership, Prof. Nimrod O. Bwibo, the Deputy Vice-Chancellor (academic) and Chairman of NUP Editorial Board said recently.

Speaking during the launching ceremony of NUP's maiden Kiswahili Publication - *Maisha: kitendawili na Johari* (A translation of the book *Life-an enigma, a precious Jewel*, by Daisaku Ikeda) Prof. Bwibo said such ventures enhances international Cultural Exchange and brings greater understanding among different nations.

The author of the book, Mr. Daisaku Ikeda is the founder of Soka University which has established Academic Exchange links with the University of Nairobi.

Outlining Mr. Ikeda's contribution to the promotion of global Peace and harmony among mankind, Prof. Bwibo noted that the translation of the book into Kiswahili will give Kenyan's a greater opportunity to understand and appreciate Buddhist Philosophy and view on life,



Prof. Bwibo presents a copy of the book - Maisha; Kitendawili na Johari to Mr. Kenji Yoshigo, Executive Secretary to SGI President, Daisaku Ikeda.

further strengthening the bonds of friendship existing between the people of Kenya and Japan.

Speaking on behalf of the author and President of SGI, the Deputy General Administrator and Executive Secretary to the SGI President Mr. Kenji Yoshigo, expressed the hope that the contents of the book will provide the estimated 50 million Kiswahili speakers with "food for thought about such fundamental topics as the irreplaceable value of life, the best

ways for human beings to live and the future of the human race".

The decision to translate Mr. Ikeda's book into Kiswahili was first mooted by the Vice-Chancellor Prof. P.M. Mbiti and Nobel Prize Literature Laureate Dr. Wole Soyinka when they met the SGI President in Tokyo Japan in November 1987.

The translation of the book was done by two leading Kiswahili experts, Mr. Ahmed E. Ndaluh and Henrietta M.

Basic Concepts of Microeconomics : With Special Reference to Kenya

C. Ackello-Ogutu & John J. Waelti

1. About the Book

This book presents the elements of microeconomics in fairly simple language and assumes no knowledge of calculus usually a pre-requisite in intermediate economic texts. The subjects of economics, and the models it presents as a basis for explaining real life phenomena, can be quite complicated. However, the purpose for this elementary introduction to the subject is to create a lasting rapport with students of diverse academic backgrounds and career objectives. The book can therefore be recommended for secondary, diploma and undergraduate educational levels.

2. C. Ackello-Ogutu

Christopher Ackello-Ogutu is currently an Associate Professor and Chairman of the Department of Agricultural Economics at the University of Nairobi. He obtained his M.Sc. in Agricultural Economics from the University of Nairobi in 1976 and his Ph.D. in the same subject from the University of California (Davis) in 1982. Professor Ackello-Ogutu has taught Microeconomics, Operations Research and Econometrics for several years and his research work, notably on use of agricultural technology, has been published in reputable international journals and conference proceedings.

3. John J. Waelti

John J. Waelti is currently a Professor and extension economics in the Department of Agricultural and Applied Economics at the University of Minnesota (USA). He obtained his Ph.D. in Agricultural Economics from the University of California (Berkeley) in 1967. Professor Waelti's work on soil conservation policy and public investment in water resource development is widely published. He has teaching and research experience in Latin America and East Africa and has also held a number of administrative and advisory position in the University as well as State of Minnesota.

Casebook on Kenya Customary Law

Eugene Cotran

The book continues the work towards making Customary Law more easily ascertainable which commenced with the research carried out by Dr. Cotran for the *Restatement of African Law, Kenya* published in 1968/69.

The principal aim of the casebook is to illustrate the subject by decided cases, thus placing it within a social and practical context.

The book is arranged by subject matter and includes High Court and Court of Appeal decisions for each of the major subjects. Judgements of inferior Courts are also reported to give the reader a clearer picture of how those Courts operate in customary law cases.

Eugene Cotran, LL.D.

of Lincoln's Inn, Barrister, Formerly Lecturer in African Law, School of Oriental and African Studies, University of London; Law Commissioner, Kenya; Puisine Judge, Kenya.

Ikambili. The former is a teacher at Dagoretti High School and the latter currently teaches at the Kenya High School.

The moderation of the translation was done by Mr. Mutiso wa Kinene, a lecturer in the Department of Kiswahili at the College of Education and External Studies, University of Nairobi. Mr. Mutiso has had a lot of exposure to oriental Philosophy, culture and ways of life having studied in South Korea for several years.

The presentation ceremony was attended by an Assistant Minister for Culture and Social services (Hon) Mrs. Grace Ogot (a famous author), members of SGI delegation, and members of the NUP Editorial Committee and staff of Nairobi University Press among others.

Meanwhile, NUP plans to hold a major launching ceremony during the course of next month for its fourteen titles

released last year, *Varsity Focus* has reliably learnt.

Set up in 1984, under an initial generous grant of Kshs 750,000 from BAT Kenya (Ltd). NUP has the mandate to publish books and journals written by Kenyan scholars. It is expected to assist university lecturers develop their lecture notes into text books. The ultimate goal is to make the materials available and at prices affordable to students and scholars.

For a long time, the University has relied on imported books to meet the requirements of its academic programmes. This practise has been very costly due to inadequate foreign exchange allocation and the irrelevance of most of the imported reading materials to our academic progress thus forcing the University to explore possibilities of self reliance in book production. The University has con-

sistently assisted NUP to enhance its publishing capacity since 1984. Last year for instance, the University provided funds to assist NUP acquire desktop publishing facilities to enhance its capabilities. This has enabled NUP to expand its typesetting facilities thereby increasing its production capacity by nearly three times.

The management of NUP has adopted a serious business approach on productivity, quality and efficiency due to stiff competition from the established commercial publishers in Kenya and even from India and Hongkong. Run by an editorial Committee, NUP ensures that all manuscripts it publishes pass through its rigorous quality control procedures. According to this procedure, all manuscripts are submitted through faculty

The S.M. Otieno Case: Death and Burial in Modern Kenya

J.B. Ojwang and J.N.K. Mugambi (Editors)

Contributors

G.O. Aduwo

E. Cotran

P.W. Kariuki

J.N.K. Mugambi

G. Muriuki

R.A. Obudho

A.B.C. Ocholla-Ayayo

H. Odera Oruka

J.B. Ojwang

M.D. Okech-Owiti

H.W.O. Okoth-Ogendo

D. Okoth-Okombo

A. Okoth-Owiro

J.W. van Doren

S.C. Wanjala

For six long months in 1986 and 1987 there seemed to be only one topic of conversation throughout Kenya - the legal and human intricacies of what initially seemed a minor dispute between a Kikuyu widow and her Luo husband's clan over where he should be buried. The husband had been a prominent criminal lawyer and what became universally known as "The S.M. Otieno Case" daily monopolised the newspaper headlines and gripped the attention of the Kenyan public in a way normally reserved for political affairs. And the wonder and the interest soon even spilled over into the international media.

From the start deep feelings and strong emotions were clearly involved on both sides and long before the final Appeal Court judgement, it was apparent that some critical issues were being articulated, however hesitantly and indirectly, affecting not only fundamental questions of Kenyan Law but also basic moral concepts in modern Kenya society. Indeed, as the legal arguments developed, it became obvious that the fallout from this uniquely important case would have significant effects on the burgeoning debate on similar problems of law and behaviour in the rest of Africa and in other parts of the world.

Soon after the dust of the immediate controversy had begun to settle, the Law Department of the University of Nairobi initiated the seminar from which this book arose and which enabled some of these larger issues to be promulgated and expertly discussed in a less emotional and more academic atmosphere. While, inevitably, most stress was laid on the legal implications and, in particular on the future status of customary law in our developing legal system, there were also fascinating insights in essays on the geographical, anthropological, sociological, linguistical, ethical, cultural and religious aspects. There will probably never be a last word on the S.M. Otieno case but this enterprising and invaluable book makes a crucial contribution to our understanding of what it was really all about and some of the likely consequences.

The distinguished editors of this volume hold senior positions at the University of Nairobi. J.B. Ojwang is an Associate Professor of Law and Director of the Board of Postgraduate Studies. He has a doctorate in comparative constitutional law from the University of Cambridge. He has written widely in legal journals and has edited and contributed to several books. J.N.K. Mugambi is a Senior Lecturer and Chairman of the Department of Religious Studies at the University of Nairobi from where he received his doctorate in the philosophy of religion. He is author, co-author or editor of ten books.

manuscripts are submitted through faculty based various editorial committees and are vetted by independent academic reviewers.

The committees identify specialists to act as reviewers and to assess, moderate and or suggest improvements to the authors. Once this is done, the departmental editorial committees forwards these manuscripts to the main Editorial Board.

Though NUP is yet to operate at its maximum capacity, it is rapidly recording a steadily improving balance sheet and market awareness.

In order to set and maintain high standards for its publications, NUP Editorial Board has approved plans to hold a style-guide workshop next month to help set up a style-guide to ensure consistency in its publications.

The Board which is composed of representatives from various colleges is chaired by Prof. Nimrod O. Bwibo the Deputy Vice-Chancellor (Academic)

assisted by Mrs Mary E. Kimani, the University Librarian. Other members of the Board include:

Dr. R.A. Obudho - Editor, African Urban Quarterly

Dr. H. Indangasi - C.H.S.S. Representative

Mrs. M. Muriuki - Bookshop Manager
Prof. J.N.K Mugambi - Academic Registrar

Mr. J.J. Githaka - Vice-Chancellor's Office

Dr. G.J. Wanjohi - Editor, Wajibu Magazine

Mr. B.O. Gogo
Administraor(Secretary)

Prof. Ackello Ogutu - Rep. C.A.V.S

Mr J. Odumbe - Rep. CEES

Dr. P.M. Syagga - Rep. C.A&E

The Board meets frequently to review and approve manuscripts to be published by NUP. Before approving any manuscript the Board further identifies two independent referees within or outside Universities in Kenya to thoroughly

assess the manuscript. A token fee of Khs 2000 is paid on completion and submission of the report.

This procedure ensures that NUP's publications are of acceptable international scholarly standards and are tailored to maximize the academic interest of the University.

Once the Board has approved manuscripts for publication, the general-management of the press lies with Mr. B.O. Gogo, the Administrator. He is assisted by three editors and one assistant editor: Mr. Herman Wabwoba, Mr. J.K. Kirimania, Mr. E. O. Gichogo and Miss. R. Nyambane (Assistant Editor). The Press also has four typesetters: Mr. J.K. Mbugua, Ms. R. Gomba, Miss M. Mutua and Miss E. Odongo.

Plans are advanced to beef up the marketing wing of the press to enable it maximize the advantage of the huge market potential which exist locally and within the PTA and Africa as a whole. For instance, this year alone the four public

An Introduction to Calculus

R.J. Cowen, J.H. Were and P.T. Vaz

An Introduction to Culculus has been particularly for first year university students taking mathematics and courses that require knowledge of mathematics. The effectiveness of concept presentation, the diversity of topics covered and the clarity of the languages used will attract a varied audience besides first year university students.

It is hoped that the presentation of the content will stimulate and hold student's interest, enhance his think for himself, deepen his mastery of the subject matter and give him insight into the vital roles Calculus plays in real life.

Dr. R. Cowen received his Ph.D degree from Warwirck University, England and was a lecturer at the University of Nairobi, Kenya before proceeding to the University of Garberone, Botswa:na where he is currently lecturer in the department of mathematics.

Dr. J. H. Were received his Ph.D degree from Odessa University, USSR and is currently a lecture in the Department of Mathematics, University of Nairobi, Kenya.

Dr. P. T. Vaz holds a Ph.D degree from Bombay University, India. He is a lecturer at the University of Nairobi, Kenya.

Maisha: Kitendawili na Johari

Daisaki Ikeda

Katika nyenzo zake za kujaribu kutoa majibu ya swali la kale, "Maisha ni nini?" mwandishi anatafiti maumbile na jinsi nguvu za maisha zilizo katika ulimwengu kwa kutokana na misimamo ya dini ya Buddha akilinganisha mara kwa mara na ukweli wa sayansi pamoja na uzindushi wa kifalsafa kutoka katika tamaduni za Magharibi na Mashariki.

Anadadi dhana zinazohusu mwili na roho, mwanadamu na maumbile, nafsi isiyobadilika, fumbo la wakati pamoja na maana na upeo wa ulimwengu safidi, yaani ulimwengu mzima wenye taratibu maalum.

Badala ya kutoa ukweli wa kuwazika tu kutokana na hali ya mwanadamu, Bw. Ikeda ametumia kama msingi wake, umilele na heshima ya maisha na anajaribu kuyafanya haya yaeleweke kwa urahisi kwa kuhusisha nguvu asili ya uhai na matendo yetu ya kila siku.

Daisaku Ikeda alizaliwa huko Tokyo mwaka wa 1928. Alipokuwa na umri wa miaka 19, alijiunga na chama cha kibuddha cha Soka Gakkai ambacho wanachama wake ni asilimia kumi ya idadi ya watu wa Japan. Madhumni ya chama hiki ni kukuza elimu, ubadilishanaji wa tamaduni za kimataifa, na kudumisha amani duniani, na kina viunga vilivyo anzilishwa katika ubuddha katika nchi mbalimbali.

Bw. Ikeda alikuwa Rais wa tatu wa Soka Gakkai tangu 1960- 1979 wakati alipotunukiwa hadhi ya uraisi, na tangu 1975 amekuwa Rais wa Soka Gakkai ya kimataifa Ni mwanzilishi wa vyyo vya elimu na utamaduni na pia ni mwandishi maarufu. Baadhi ya vitabu alivyoandika ni kama, *The Living Revolution, The Living Buddha, The Toynbee-Ikeda Dialogue, The Hughe-Ikeda Dialogue; Buddhism, the first Millennium; Glass Children and other essays; na Letters of Four Seasons* (ambacho alikiandika na mwandishi wa riwaya Yasushi Inoue) ambayo vingi vimetafsiriwa katika lugha mbali mbali kama kichina, kingereza kifaransa, kireno na kihispania.

RESEARCH AND PUBLICATIONS

Universities admitted 20,000 first year students, bringing the total student population in Kenyan public universities to 40,000.

Despite this impressive performance, NUP still faces a myriad of problems such as: Inadequate desktop publishing facilities, lack of vehicles for use

by editorial and marketing staff and inadequate staff training still hampers progress on NUP's activities.

Currently NUP is seeking donor support to meet recurrent cost budgets (or deficits) in its initial years of publishing, and until such time as the volume of turnover is sufficient to meet its operating costs

and in particular the printing costs, equipment, training and the favourable royalty terms (20 percent paid in advance) to authors.

A Manual on Microscopic Anatomy

J.K. Kimani

The objective of this manual is first to provide guide-lines during the practical classes of any standard histology course, and secondly to enable the student to recognize and differentiate microscopic structures with respect to their functions. In this regard, this manual is essentially a practise guide and should not be taken as a substitute a text book. Prof. James Kirumbi Kimani is an Associate Professor of Human Anatomy and the current Chairman of department of Human Anatomy, University of Nairobi. He obtained a BSc. First Class Honours (Academy) degree from the University of Nairobi in 1975. He was awarded a Ph.D degree of the University of Nairobi in 1979. He has a wide teaching, research and administrative experience. His major research interest is in the areas of "cardiovascular adaptations to gravitational stress as exemplified by the Masaai giraffe (*Giraffa Camelopardalis*)" He has published some articles on this subject.

Ethics : A Basic Course for Undergraduate Studies

H. Odera Oruka

Ethics, conceived as the core of moral philosophy or an intellectual inquiry into the language of morals, is a fundamental course for undergraduate university students who seek to pursue not just academic truth, but also moral knowledge and wisdom.

In this book, Professor H. Odera Oruka provides an illuminating insight into the basic principles and techniques vital in the study and/or pursuit of moral knowledge. In a clear, simple and intellectually stimulating approach he critically analyses the basic problems, questions and issues involved not only in the systematic study of morality and ethics, but also the practical ethical problems we face in our day to day interactions. Professor Oruka has taught at the University of Nairobi for the last twenty years. He has also been a visiting scholar at the University of Ibadan, Nigeria and Haverford College and Earthan college, USA. He was formerly chairman of the Department of Philosophy, University of Nairobi (1980-86) and currently, Chairman of the Philosophical Association of Kenya (PAK), and Vice-Chairman of the Inter-African Council for Philosophy. He is an author, co-author, editor and co-editor of several books. His works have been honoured and published in the prestigious international series 'Philosophers on Their Own Works', Vol. 14, 1990, published by the International Institute of Philosophy, Paris. Some of his publications include: *Punishment and Terrorism in Africa* (author, 1976, 85); *Philosophy and Cultures* (co-editor, 1983); *The Rational Path* (co-author, 1989); *Logic and Value* (co-editor, 1970) and *Sage Philosophy*, (editor, 1990).

A Comparative Study of Religions

J.N.K. Mugambi

This book is the result of concerted teamwork among the academic staff of the Department of Religious Studies, University of Nairobi, between 1986 and 1990. The project was prompted by the necessity to produce relevant and comprehensive textbooks for the Undergraduate Degree Programme. On completion, the Nairobi University Press undertook to publish the work for wider circulation.

In its content, the book covers the whole range of major religions of the world, with extensive geographical and historical scope. It includes a specific section on African Religion, thus placing the African Religious Heritage within the mainstream of the comparative study of the world's religions.

Prof. J.N.K. Mugambi (B.A. Hons, M.A., Ph.D.), is the Academic Registrar, University of Nairobi, Kenya. He has served as the Associate Dean, Faculty of Arts and Chairman, Department of Religious Studies. He has also been Visiting Distinguished Professor of Religious Studies and Philosophy at Rice University, Texas, U.S.A. He is a Curriculum Consultant in the Commission for Higher Education, Kenya.

His publications include: *Carry it Home* (Author, 1974); *The African Religious Heritage* (Co-Author, 1976); *Ecumenical Initiatives in Eastern Africa* (Co-Author, 1982); *God, Humanity and Nature* (Author, 1987); *Death and Burial in Modern Kenya* (Co-Editor, 1988); *The Biblical Basis for Evangelization* (Author, 1989); *Christian Mission and Social Transformation* (Editor, 1989); *Jesus in African Christianity* (Co-Editor, 1989); *African Christian Theology* (Author, 1989); *The Rational Path* (Co-Author, 1989); *African Heritage and Contemporary Christianity* (Author, 1989); *Philosophy of Religion* (Author, 1988); *The Church in African Christianity* (Co-Editor, 1990); *Critiques of African Christianity* (Author, 1990).

Practical Physics

Jenny S. O'Leary

This practical manual has been developed especially for students studying physics under the 8:4:4 programme at the University of Nairobi and other Kenyan Universities. Students taking Engineering and Agriculture courses will also find this manual useful, as will those students pursuing A - Level physics courses and those studying for diplomas in Engineering courses.

Most experiments in this manual have been based on a practical course successfully given by the author to the first year Engineering technicians at the Dublin Institute of Technology in the late 'Eighties'. A special feature of the manual is that it is designed to cope with large classes, making it ideal for the local situation.

Students will record their data in provided worksheets as they conduct their experiments during laboratory time. This is a useful scientific technique.

Besides the main experiments, sections dealing with data analysis, graphs and other relevant information have been included.

It is hoped that this manual will go a long way in enhancing the theory lessons and that both the students and supervisors will find it useful and stimulating.

Dr. Jenny S. O'Leary received her PhD degree in Physics from Birmingham University, United Kingdom in 1975.

She has taught Physics in various Universities and Colleges in Africa and Ireland - University of Gezira (Sudan), Kenyatta University (Kenya), University of Dar-es-Salaam (Tanzania), and the Dublin Institute of Technology, Ireland. She is currently Lecturer at the University of Nairobi.

A University Course in Academic Communication Skills (Resource Book)

Peter Bint, Donald Burnett, Stuart Greenhalgh, Paul Robins

This book is a result of Communication Skills Project established under an agreement between the British and the Kenyan Governments for the establishment of a Communication Skills Course for the 8-4-4 [Education system] students entering the Universities in Kenya. With its aim to improve communication skills for students, it covers the following skills: library skills; study skills; reading and note-making skills; listening and note-making skills; interpretation of tables and graphs; and writing skills.

It is a fundamental resource book for first year university students. This resource book must be used in conjunction with the workbook.

A University Course in Academic Communication Skills (Work Book)

Peter Bint, Donald Burnett, Stuart Greenhalgh, Paul Robins

This book is a result of the Communication Skills Project established under an agreement between the British and the Kenyan Governments for the establishment of a Communication Skills Course for the 8-4-4 [Education System] first year students entering public Universities in Kenya. Besides this Workbook there is a Resource Book and Lecturer's Guide (to be published). It contains learning activities and space for written answers, and reading texts and references. This workbook must be used in conjunction with the Resource Book.

A Practical Manual on Animal Physiology

J.M.Z. Kamau, T.I.K. Kanui, G.M. Mutungi, P.M. Mathiu

Few experiments in Physiology that can be carried out and produce interesting results without direct interaction between the instructor and students. This manual is geared at; teaching students to carry out Physiology experiments; acquainting the students with method of handling biological tissues; and developing an ability to critically analyse experimental data among students. For this purpose, it is made up of practicals and demonstrations, some of which require the use of modern scientific equipment, developed over years of academicians in the Department of Veterinary Physiology, University of Nairobi.

It is specifically recommended for undergraduate, studying veterinary medicine and agriculture and other students in the Universities, diploma colleges and polytechnics with interest in mammalian physiology.

PRICE LIST

		Kshs	US \$
1.	Basic Concepts of Microeconomics: With Special Reference to Kenya. C. ACKELLO-OGUTU AND JOHN J. WAELTI	110.00	11.00
2.	The S.M. Otieno Case : Death and Burial in Modern Kenya. EDITED BY J.B. OJWANG AND J.N.K. MUGAMBI	120.00	25.00
3.	Case Book on Kenya Customary Law E.J. COTRAN	280.00	25.00
4.	A Comparative Study of Religions EDITED BY J.N.K. MUGAMBI	140.00	15.00
5.	Concepts of Jurisprudence R.S. BHALLA	70.00	10.00
6.	Ethics: a basic course for undergraduate studies PROF. ODERA ORUKA	70.00	10.00
7.	An Introduction to Calculus R. J. COWEN, J. H. WERE AND P. T. VAZ	120.00	12.00
8.	A Manual on Microscopic Anatomy EDITED BY J. K. KIMANI	120.00	12.00
9.	A University Course in Academic Communication Skills (Workbook) PETER BINT , DONALD BURNETT, STUART GREENHALGH, PAUL ROBINS	56.00	8.00
10.	A University Course in Academic Communication Skills (Resource book) PETER BINT , DONALD BURNETT, STUART GREENHALGH, PAUL ROBINS	38.00	6.00
11.	A Student's Guide to writing and Study Skills OKOTH OKOMBO	70.00	10.00
12.	Maisha, Kitendawili na Johari By DAISAKU IKEDA	250.00	12.00
13.	A Practical Physics Manual By JENNY S. O'LEARY	100.00	15.00
14.	A MANUAL ON ANIMAL PHYSIOLOGY Edited by J.M.Z. Kamau	100.00	10.00