

THE ROYAL COLLEGE NAIROBI

Incorporating the Gandhi Memorial Academy



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1961/62

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"Annual Report" and Accounts
for the year 1961/62

THE ROYAL COLLEGE NAIROBI

with which is incorporated the Gandhi Memorial Academy

Visitor:

HIS EXCELLENCY THE GOVERNOR OF KENYA
SIR PATRICK RENISON, K.C.M.G.

Chairman:

SIR PHILIP ROGERS, C.B.E., M.L.C.

Principal:

J. M. HYSLOP, M.A., PH.D., D.SC., F.R.S.E.

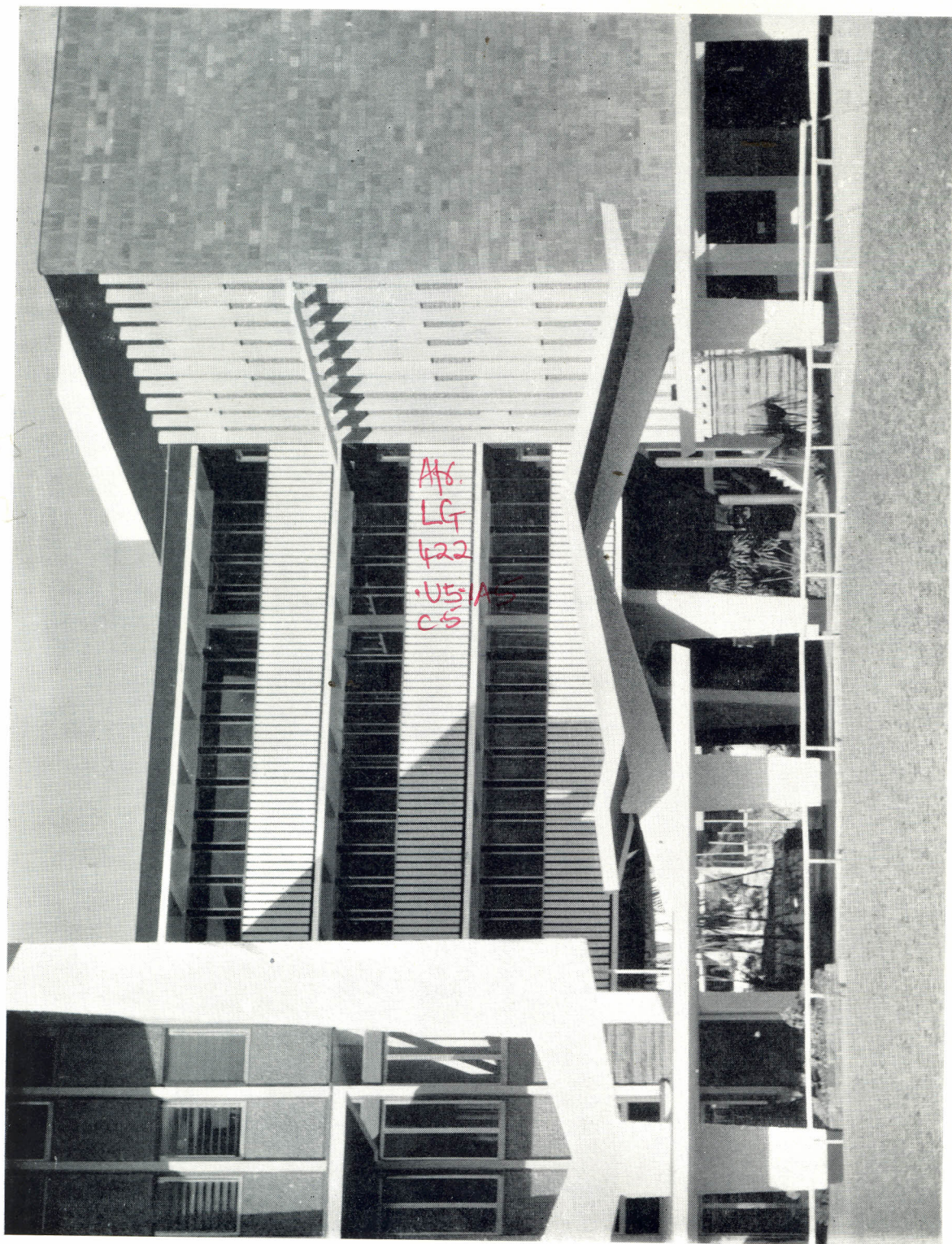
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BARCLAYS BANK D.C.O.

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Main Entrance, Royal College, Nairobi, seen from the Great Court

Foreword by The Chairman of the Governing Council

The session which has just ended has been notable in that, for the first time in its history, degree studies have been conducted in the College. The students concerned were studying for Arts, Science and Engineering degrees of the University of London, and it is hoped that a second stream of such students will be admitted next year, and that thereafter the University of East Africa will be providing its own degrees.

Throughout the session building operations were carried out according to the timetable laid down by the Council, and there is now every prospect that accommodation will be available for second-year degree studies in October. The buildings themselves have enhanced the appearance of the College grounds and the Council has every reason to be grateful not only to the Co-ordinating Architect, Mr. A. M. Chitty, M.A., F.R.I.B.A., A.M.T.P.I., but also to the local architects and contractors for carrying out their duties to such a successful completion. Mr. Greensmith, of the City Parks Department, was commissioned to lay out the grounds, and the planting of lawns, flowering shrubs and trees proceeds apace. His work has not yet been completed, but we are sure that the final result will be as pleasing to the eye as is the case with similar schemes he has undertaken in the City of Nairobi. It is already beginning to look delightful.

The most serious problem with which the College has been faced throughout the year has been the lack of finance for recurrent purposes, and despite the further assistance granted to the College by the East African Governments, on the recommendation of Sir Charles Morris, it has not been possible to establish adequately the academic Departments of the College. The University of East Africa has, however, invited a committee consisting of distinguished academic persons to visit the three Colleges in September, and it is hoped that as a result of their recommendations some relief from financial stringency will be provided.

When a College has to develop within a framework of inadequate finance, overwork must be the lot of many, and some degree of inconvenience suffered by all. I am happy to record that members of staff have realised the difficulties of the College and have adopted an attitude of self-sacrifice in the interests of the College as a whole.

It is with regret that I have to record the departure of Professor Gale from the service of the College. Professor Gale joined the College in 1956 and was appointed Vice-Principal and Professor of History in 1960. Prior to this date he acted as Principal from 1957 onwards, and much of the work of developing the College in its early years fell on his shoulders. His services were greatly appreciated and I am sure that all members of Council would wish to express their gratitude to Professor Gale and the hope that he will be happy in his new sphere of activity.

It gives me pleasure, on behalf of Council, to thank all members of staff for their most loyal service during the session, and I would, of course, particularly express our very warm thanks to the Principal, Dr. Hyslop. His service to the College has been quite outstanding.

PHILIP ROGERS

Principal's Report for the Session 1961-1962

The main feature of the past session was the admission in October 1961 of the first students for degree studies in Arts, Science and Engineering. The total number of such students was seventy, of whom fifteen were in the Faculty of Arts, nine in the Faculty of Science and forty-five in the Faculty of Engineering. The total student population was 415, so that degree students represented 17 per cent of the total. This proportion will rise materially when the College reaches full maturity.

The building programme proceeded according to the timetable laid down by the Building Committee, and there will be ready for occupation in October 1962 the Library, an Engineering building, a Science building which has been designed primarily for Chemistry but which will be used for the next few years both by the Physics and Chemistry Departments, also a new hostel for men students and extensions to the women's residence. In addition, a fountain in memory of the late Dr. Yajnik, who displayed great interest in the development of the College, is in the course of construction. The funds for this sculptural group were generously provided by the Gandhi Memorial Academy Society.

The College grounds have acquired a new look and the overall design reflects the skill, ingenuity and vision of Mr. Anthony Chitty, the Co-ordinating Architect. On behalf of the College I wish to record my grateful thanks to him for the excellence of his work so far undertaken. The buildings possess individual characteristics which make each architecturally pleasing in itself, but at the same time make for general harmony in the whole. The extensive building programme could only have been made possible by grants from overseas, and it is with very deep gratitude that I acknowledge the assistance the College has so far received from Colonial Development and Welfare sources. The total grant earmarked for the College development under the Colonial Development and Welfare Act was £900,000, and almost the whole of this sum has already been committed.

During the session discussions took place with representatives of Makerere University College relating to the transfer of the Faculty of Veterinary Science to the Royal College, Nairobi. At the same time attempts were made to raise a capital sum of approximately £500,000 to enable the Faculty to develop into a professionally recognised school. This very large capital sum will be met by grants from the Agency for International Development, the Rockefeller Foundation, Colonial Development and Welfare sources and the Freedom From Hunger Campaign. The Governments of Kenya and Uganda have also agreed to make contributions.

In planning the development of the Faculty of Veterinary Science, Council deemed it desirable that the pre-clinical Departments should be sited in Nairobi, and that para-clinical and clinical studies should be undertaken at Kabete. It was also considered essential that the Departments of Anatomy and Physiology should be sited in close proximity to the Departments of Botany and Zoology, and plans have therefore been prepared to construct buildings for all four Departments on the Chiromo Estate. This estate, which extends over sixty acres and which adjoins the Sports Ground, was purchased by the College by means of a grant from the Colonial Office and the interest already accrued on the sum of £100,000 which was lodged in a College Special Account by the Gandhi Memorial Academy Society. The acquisition of this land will provide the College with sufficient space to cater for the needs of over three thousand students.

The Provisional Council of the University of East Africa and its Academic Committee met on several occasions during the session and considerable progress was made towards the setting up of the University. Mr. Bernard de Bunsen, Principal of Makerere University College, was elected Vice-Chancellor Designate of the new University, and it gave great pleasure to the members and staff of this College when he received his knighthood in May. Dr. Lindsay Young was appointed Secretary of the Provisional Council and Registrar Designate of the University.

During the year the College experienced considerable difficulties with regard to recurrent finance. Most Departments were understaffed and were only able to carry out their teaching

commitments by bearing heavier loads than are normal in most university-type institutions. The prospects for the coming session do not indicate any relief from this condition of financial stringency, despite the fact that the East African Governments have found it possible to make increases in their grants to the College. The estimates for next year have had to be prepared on the basis of obtaining certain members of staff from overseas, whose emoluments will have to be met by the country of origin. It is by no means certain that such aid will be forthcoming and, if not, some Departments will be able to meet their commitments only with the greatest difficulty. The Faculty of Veterinary Science, in particular, is in a precarious condition, since the estimated expenditure is rather more than £90,000, of which approximately £70,000 can be seen to be secure income. The Faculty will therefore have to be heavily subsidised from outside East Africa.

During the months of April and May I paid a visit to the United States of America, one of the objects of which was to endeavour to obtain some assistance with recurrent funds, and a programme for the secondment of staff to the College was discussed with certain universities in Northern New York State. While it is premature to state that aid in the form of seconded staff will be forthcoming, there are indications that the good will displayed by the American Universities towards the Royal College will result in some form of financial assistance. Discussions also took place with one of the Foundations relating to the organisation of an Extra-Mural Department within the College, and it is hoped in this connection to establish links with the College of Social Studies at Kikuyu. Visits were paid to several Veterinary Schools in the United States and it seems likely that members of staff drawn from these Schools will be able to take up temporary posts in the College.

The Inter-Collegiate Games, held this session in Nairobi, had to contend with such adverse weather conditions that the Opening Ceremony had to be cancelled. The programme of the actual events, however, was not affected although some of the games had to be played on flooded pitches. Makerere University College were successful by eleven points to five. Interest among both men and women students in sporting activities continued to be keen, and teams participated in several outside competitions. Development has taken place on the Football, Rugby and Cricket grounds, but completion of the work has been delayed by weather conditions.

It gives me pleasure to welcome to the College the following new Heads of Departments:

- Professor D. S. Kettle, D.SC.(LONDON): Zoology.
- Professor D. B. Sears, D.SC. (RAND), D.PHIL.(OXON.): Mathematics.
- Mr. R. H. Nelms, F.R.I.C.S.: Quantity Surveying.
- Professor Royston Jones, PH.D.(LEEDS), M.I.C.E., M.I.ST.E., A.M.T.P.I.: Civil Engineering.
- Professor P. A. Robins, B.SC.(LONDON), PH.D.(LONDON): Chemistry.

I should also like to extend a welcome to the members of staff of the Faculty of Veterinary Science, who have been transferred from the staff of Makerere University College to that of the Royal College, Nairobi.

I must make special mention of various grants and donations received by the College during the year under review.

| Endowment Fund: | £ |
|--|--------|
| East African Tobacco Company Limited | 500 |
| A. Baumann and Company Limited | 100 |
| Magadi Soda Company Limited | 500 |
| | £1,100 |

| Revenue Account: | £ |
|---|---------|
| Rockefeller Foundation (Scientific Research Grant) received up to 30th June, 1962 | 5,157 |
| Rockefeller Foundation (Veterinary School Development) received up to 30th June, 1962 | 9,965 |
| | £15,122 |

| Special Account: | £ |
|--|---------|
| Rockefeller Foundation (Economics books) | 1,786 |
| Rockefeller Foundation (Library Africana) | 2,500 |
| Ford Foundation (Research Library) | 10,593 |
| A.A.U.P. (Geography books) | 179 |
| Kenya Dairy Board (Veterinary School Library) | 200 |
| East African Tobacco Company Limited (Radio for Men's Halls) | 61 |
| Caltex (Kenya) Limited (Library: Halls) | 50 |
| Mrs. E. Thompson, E.A.W.L. (Curtains for Women's Halls) | 3 |
| | £15,372 |

These most generous grants and donations have, of course, been suitably acknowledged on your behalf.

News has just been received of the appointment of Professor H. P. Gale as Principal of the Secondary School Teacher Training College in Zaria, Northern Nigeria. Professor Gale has been associated with the College since it opened in 1956, first as Head of the Department of History and Dean of the Faculty of Arts, and later as Acting Principal and Vice-Principal. During his term of office as Acting Principal he was responsible for the early development of the Technical College into the University College. The good wishes of the Royal College go with him to Nigeria where, I feel sure, he will be able to build a Teachers' Training College of the highest quality, serving the essential needs of this new and developing country.

It is fitting to conclude by placing on record my gratitude to all the members of staff for their loyal co-operation during a session in which, despite considerable difficulties, the College made remarkable progress.

ACADEMIC REPORT

Faculty of Art and Architecture:

The Department of Art had an intake of ten full-time students for the Diploma course in October 1961, making a total of twenty-two students. Twelve students sat for the First Examination of the Diploma in Fine Art (E.A.) and all were passed to the second year of the course.

The first Diploma Exhibition staged in the College attracted considerable interest and numerous examples of students' work were requested for outside exhibition. A first-year student, Miss Loi Kasisiri, was awarded a special prize in a national art competition and Miss Carolyn Davies, a second-year student, gained one of the Gandhi Memorial Prizes. Three senior students who had specialised in Graphic Design completed their courses and all had obtained employment in this field of Art.

In January 1962 Mr. Michael Croydon, A.R.C.A. (LONDON), took up his appointment as Lecturer in Graphic Art. Mrs. Juliet Forster resigned her appointment as part-time Lecturer in Sculpture and Ceramics and returned to England at the end of the session.

The Department is indebted to the Gandhi Smarak Nidhi Trust for their generous donation of an Offset Lithographic Proofing Press, an extremely valuable addition to the Graphic Art equipment.

In the Department of Quantity Surveying courses continued to be related to the professional examinations of the Royal Institute of Chartered Surveyors. The Quantity Surveying course continued as in the past, while provision was made for those who wished to take the General Section examinations. There were eight students in the Department, one of whom sat for the Intermediate Examination and passed subject to reference in a single subject. Eighteen students have applied for admission in 1962.

At the commencement of the session Mr. R. H. Nelms, F.R.I.C.S., took up his appointment as Head of the Department. Preparations have been made for its future role when the College forms part of the University of East Africa. Two degree courses have been planned, viz., B.A. (Land Economics) and B.A. (Quantity Surveying). The former is intended

for those who will be engaged in the planning of land use, new townships and urban development, as well as the valuation of land for taxation and other purposes. The latter degree will provide the academic training for those wishing to take up the profession of Quantity Surveyor. As a result of these changes it is proposed that the Department be re-named the Department of Land Development, so as to give recognition to the wider scope of the courses which are envisaged.

In the Department of Architecture reorganisation was necessary to include G.C.E. subjects required by some students in order to satisfy the new regulations of the R.I.B.A. Eight new and four relegated students were admitted to the three-year and new four-year Intermediate courses. Seven students sat for all or part of the Intermediate Examination of the R.I.B.A. of whom three passed in all subjects and two gained partial success.

The Final course held fourteen students at various stages. For the first time, in June 1962, the R.I.B.A. Final Examination was set and marked locally and "monitored" by the R.I.B.A. New regulations apply to this examination, and three students entered for the new Part I, of whom one passed completely and two partially. Seven students sat the whole examination, of whom two passed completely, five partially, and one sat and passed the old Part I.

As in previous years, practising architects and outside experts lent valuable help in various ways. The Department sent drawings to an exhibition entitled "Planning our Towns and Villages" at Makerere University College. The East Africa Institute's open prize for the Intermediate was awarded to Miss A. E. Jones, the Gandhi Smarak Nidhi prizes went to the late K. K. Chhaya and Mrs. K. Fearn, and the East African Section, Institution of Structural Engineers' prize was won by Mr. M. Sumar.

The session was marred by the tragic death, on the College Rag Day, of K. K. Chhaya, who was one of the most promising students in the Department.

Faculty of Arts:

During this session students were admitted for the first time to read for the B.A. degree. Fourteen students were able to choose three from the five subjects offered: Economics, English Literature, Geography, History and Mathematics. Twenty-three students were admitted to study for the University of London G.C.E. 'A' Level Examination in these subjects. Twenty students completed the second year of this course and sat for the examination with the following results:—

Ten candidates obtained three 'A' Level passes

Six candidates obtained two 'A' Level passes

Two candidates obtained two 'A' Level passes and one 'O' Level pass

Two candidates obtained one 'A' Level pass and one 'O' Level pass

Three students also sat 'O' Level Swahili and all three passed.

The Department of English received Mr. R. M. Goodman, B.A., on one year's secondment from the University of California, Los Angeles. Mr. D. M. Etherington, B.ECON., M.SC.(CORNELL), was appointed as a Lecturer in Economics and Mr. R. B. Ogendo, B.SC.(ABERDEEN), as a Lecturer in Geography. Mrs. E. Stock, B.A.(WALES), was appointed temporary Lecturer in English and Mr. J. Mangat, M.A.(OREGON), as temporary Assistant Lecturer in History. The Faculty was sorry to lose the services of Mr. A. H. W. MacBean, of the Department of English, who resigned to take up an appointment in Libya, and also of Mr. P. K. Lomas, Head of the Department of Economics, who took up an appointment in Australia. Mr. E. Wright was absent on study leave in the United States of America during the first term, through the courtesy of the Carnegie Corporation.

Publications

Publications in the Department of English for the session 1961-62 were as follows:—
J. F. Wallwork—Translation of *The Portuguese Period in East Africa* by Justus Strandes, published by East African Literature Bureau, Nairobi, 1961.

G. D. Wing—"Tess and the Romantic Milkmaid" *A Review of English Literature*, Volume III, No. 1, 1962.

E. Wright—"Adequacy' in English for Higher Education" *English Language Teaching*, Volume XV, No. 3, 1961.

Faculty of Engineering:

The Faculty of Engineering has now completed its first year of the engineering degree courses, in Special Relationship with the University of London. During the session 1961-62 there were 176 students within the Faculty, of whom twenty-four were present only for a short preliminary term. In the first-year degree course there were forty-six students. In the Advanced Level G.C.E. courses there were forty-one in the first year and twenty-seven in the second year. Of the twenty-seven second-year students who sat for the G.C.E. examinations, twenty passed and seven failed. There were twenty-one College Diploma students taking engineering courses and seventeen students taking professional courses in the Department of Land Surveying. Of the forty-six first-year engineering students who sat for the Part I Examination of the B.Sc. (Engineering) degree of the University of London (under Special Relationship), thirty-five qualified for entry into the second year; eleven failed but it was recommended that nine of these should be permitted to repeat the first year.

Most of the courses for the College Diploma in Engineering have ceased. These courses were of five years' duration, with a G.C.E. Ordinary Level entrance requirement. Students presented themselves for both the College Diploma Examinations and the Professional Institutions Examinations. Of the thirteen students who sat for the College Diploma, seven were awarded Diplomas in Grade II, and six passed. There were no failures. These students also sat for the examinations of the Institution of Civil Engineers, the Institution of Mechanical Engineers and the Institution of Electrical Engineers; again there were no failures, but five were referred in single subjects.

In the Department of Land Surveying eleven candidates sat the First Examination of the Royal Institute of Chartered Surveyors, of whom six passed and three were referred in single subjects. Three students sat for the Intermediate Examination and two were successful. The prize awarded by the Royal Institution of Chartered Surveyors for a Kenya candidate obtaining the highest marks in the Institution's Examination was again awarded to a Royal College student, Mr. F. Pinto.

During the year the following new members joined the staff of the Faculty:—

Mr. E. Wolfendale, B.SC.(ENGINEERING), M.I.E.E., formerly Chief Applications Engineer, Mullard Southampton Works, in charge of the Semi-Conductor Measurement and Application Laboratory, who took up his appointment as a Senior Lecturer in the Department of Electrical Engineering in December 1961.

Professor Royston Jones, M.SC.TECH., PH.D., M.I.C.E., M.I.STRUCT.E., M.I.MUN.E., A.M.T.P.I., formerly Research Professor and Director of the Post-Graduate Engineering Research Unit, University College of Ghana, who assumed his duties as Head of the Department of Civil Engineering in January 1962.

Mr. B. Grindrod, A.M.I.PROD.E., M.S.A.E., left the Department of Mechanical Engineering in June 1962 to take up an appointment with U.N.E.S.C.O. Mr. T. Briddes left the Department of Land Surveying in July 1962.

During the session Mr. H. S. Williams, Head of the Department of Land Surveying, attended a course in photogrammetry and undertook research at the International Training Centre for Aerial Survey, Holland, and Mr. R. P. Patel was awarded a Commonwealth Research Scholarship and attended McGill University. Mr. P. Campbell attended conferences on Thin Shell Structures in Delft and Brussels and also the first International Conference on Timber Structures. Mr. S. C. Aggerwal attended a colloquium of the International Association for Shell Structures held in Paris.

Building operations started on the new Civil Engineering block, which is now ready for the commencement of the 1962-63 session. This block comprises a large Hydraulics Laboratory, Soil Mechanics Laboratory, a Laboratory for Concrete Technology, drawing offices and staff rooms. These buildings were vital for the development of the Faculty of Engineering and will be fully occupied during the coming session.

Publications (1961-62)

H. S. Williams—A Nomographic Treatment of the Cassini-Soldner Projection Correction Terms, E.S.R., Vol. XXI, No. 124, April 1962.

- Theoretical Accuracy of the Church-Bartorelli Method of Orientation and Extensions of the Method, M.Sc. thesis. I.T.C. publication, Delft (Accepted).
- P. Hartog—Tyranny of Survey Regulations, E.S.R., Vol. XXI, No. 121, July 1961.
Graphical Predictions for the Echo 1 Satellite from Observations at one Equatorial Position. E.S.R. (Accepted for publication).
A Method for the accurate Determination of the Nodal Period and Precession of High Altitude Earth Satellites. E.S.R. (Accepted for publication).
- J. G. Olliver—A Rapid Approximation to the Standard Error. E.S.R. (Accepted for publication).
- C. P. Vivian—"A Miniature Open Flume".
Civil Engineering and Public Works Review, Vol. 57, No. 669 pp. 475/76.
- Royston Jones and A. R. Baker—"High Strength Bolts; The Behaviour of Structural Connexions using High Strength Bolts stressed beyond their Proof Stress".
The Structural Engineer, Vol. XXXIX, No. 7, pp. 228/34.
- Royston Jones—"The Correlation of Field, Laboratory and Analytical Studies of Engineering Structures".
Ghana Journal of Science, Vol. Nos. 1 and 2, pp. 55-61.

Faculty of Science:

During the session 1961-1962 degree courses were commenced in all Departments in the Faculty of Science, and there was considerable expansion in the activities of the Faculty. Plans were drawn up for new buildings, including one major block on the main College site, destined ultimately for the Department of Chemistry, but temporarily accommodating both Chemistry and Physics. A new building for the Departments of Botany and Zoology is planned for the new Chiromo site.

Professor R. F. Naylor, who was appointed to the Chair of Chemistry from 1st January, 1961, was tragically killed in a car accident in August, leaving the Department of Chemistry without a Head. His place was taken by Professor P. A. Robins, B.Sc., PH.D.(LONDON), who arrived from the University College of Rhodesia and Nyasaland, and assumed his duties on 1st June, 1962. The Faculty also welcomed Professor D. B. Sears, D.SC.(RAND), D.PHIL.(OXON.), to the Chair of Mathematics, who arrived in December 1961. The Physics Department was fortunate in obtaining the services of Mr. C. G. Wilson, M.Sc., F.INST.P., for the Autumn term, who was seconded to the Department by the Royal Military College, Shrivenham. Other new members of staff to join the Faculty during the session were Mr. P. Miall, B.A., Assistant Lecturer in Physics, who arrived on 8th January, 1962, and Mr. R. B. Ogendo, B.Sc., who was appointed to a Lectureship in Geography in January 1962. Mr. C. M. R. Platt, B.Sc., M.Sc., resigned his post as Lecturer in Physics in May, owing to ill health.

In June 1962 twenty-seven candidates from the Faculty of Science and forty-one from the Faculty of Engineering sat for the G.C.E. at Advanced Level. The results included nineteen passes in Chemistry, thirty-six passes in Physics, twelve passes in Biology and two in Geology, all at 'A' Level. At the end of the first year of degree courses in the Faculty, nine candidates sat the London Part I B.Sc. examination, under the scheme of Special Relationship with the University of London. The subjects written included Botany, Chemistry, Geography, Geology, Mathematics, Physics and Zoology, and with the exception of three failures in Mathematics and one in Physics, all were successful. In addition to these G.C.E. 'A' Level and Part I degree courses, the Faculty provided service courses in Chemistry for the Faculty of Engineering, and also in Chemistry, Physics and Zoology for the Department of Domestic Science.

The Department of Physics has received valuable assistance with its programme of research on Rock Magnetism in Africa from Professor Blackett, of Imperial College, London, who supplied some equipment for the Department and sent Mr. R. Grasty to take part in a Rock Magnetism collecting expedition in the Northern Frontier District. Mr. P. Raja, Lecturer in Physics, obtained a Commonwealth Scholarship to assist him with a study visit to Imperial College, London, and the Kenya Department of Civil Aviation provided a site on loan to the Department of Physics for their programme of ionospheric

research. In the Department of Zoology the field course for B.Sc. Part I students was held at the Kinangop in June.

Professor D. S. Kettle published a paper entitled "The Bionomics and Control of *Culicoides* and *Leptoconops* (Ann. Rev. Ent. 7, 401-418). Mr. M. J. Coe published a "Note on the Habits of Mount Kenya Hyrax" (Proc. Zool. Soc. Lond. 138, 639-644). Professor Isaac, Head of the Department of Botany, accepted an invitation to attend a meeting of the Specialist Committee on Agricultural Botany which was held in Kampala, and Dr. Otiemo was invited by the Weizmann Institute, Israel, to take part in discussions on a possible association between the East African Academy of Sciences and scientific bodies in Israel.

Publications

V. R. Humphrey—"The Site of Reception of Light Stimulus leading to a Negative Phototropic Response in *Avena* Coleoptiles immersed in Paraffin Oil" (Die Naturwissenschaften 20, 476, 1962).

Mr. Humphrey was on the staff of the Botany Department of the University of Cape Town at the time.

W. T. W. Morgan—

The Two Office Districts of Central London. Journal of the Town Planning Institute, Vol. XLVII, No. 6, June 1961, pp. 161-166.

Office Regions in the West End of London. Town and Country Planning, Vol. XXIX, No. 6, June 1961, pp. 257-259.

A Functional Approach to the Study of Office Distributions: Internal Structures in London's Central Business District. Tijdschrift voor Economische en Sociale Geografie, Vol. LII, No. 8., Aug. 1961, pp. 207-210.

The Geographical Concentration of Big Business in Great Britain. Town and Country Planning, Vol. XXX, No. 3, March 1962, pp. 122-124.

M. J. Coe—"Notes on the Habits of the Mount Kenya Hyrax (*Procavia Johnstoni Mackinderi* Thomas)". Proceedings Zoological Society of London, Vol. 138, pp. 639-644, June 1962.

D. S. Kettle—"The Bionomics and Control of *Culicoides* and *Leptoconops* (Diptera, Ceratopogonidae=Hemolidae)". Annual Review of Entomology, Vol. 7, 1962, pp. 401-418.

The Faculty of Special Professional Studies:

The year 1961-1962 witnessed the termination of the full-time residential course for the Intermediate Examination of the Chartered Institute of Secretaries, which had been running since 1956-57, and the commencement of the "Sandwich" (part-time) residential course for the Final Examination of that body. The following examination results were obtained:—

(a) *Intermediate Examination (Full-time residential course)*

The Intermediate Class consisted of twenty-three students, who sat Section A in December 1961 and Section B in June 1962 with the following results:—

- (i) *Section A*. Twenty students passed, giving a pass percentage of 87, which was exactly three times the world pass mark in this particular examination.
- (ii) *Section B*. Sixteen students passed, giving a pass percentage of 70—some two and a half times better than world average.

(b) *Final Examinations ("Sandwich" Course)*

The Final Class consisted of thirteen students, who sat Section A in June 1962, of whom five passed, giving a pass percentage of 38.5 as against 23.6 for average world results—an improvement of some 15 per cent on world standards. As a direct result of the above examination successes, thirty-one students have been enrolled for the Final "Sandwich" course commencing in October 1962 and in this connection it is gratifying to note that this number includes eight students who left the College in 1961 and who have since completed by private study Section B of the Intermediate Examination, which they sat but failed in June 1961. The students enrolled for the academic year 1962-1963 are thus all Finalists, and all in responsible posts in commerce, industry and government, sponsored by their respective organisations and in receipt of salaries averaging some £600 per annum.

The Department of Business Administration, because of the running down of professional courses and the delay in mounting a degree in business studies, continued to act mainly as a service department for other Faculties and Departments. There was also an interruption to the series of Management Training Courses which had been provided in Nairobi during the previous four years. This was due to building conversions making residential accommodation unavailable, but two courses were organised by the Head of the Department in Uganda, and one in Tanganyika, at the request of the Federations of Employers in these territories.

During the year 1961–1962 a course in Public Administration was run for the Kenya Government. This course was attended by thirteen graduates, eleven of whom completed the course and were awarded certificates. The Department also, as a service department, provided lectures in Elements of English Law and Company Law for the Department of Accountancy, and lectures in Contract, Constitutional Law for the Department of Quantity Surveying and Land Registration, for the Department of Land Surveying.

The Department of Domestic Science admitted thirteen students in October 1961. All the students registered in 1960 reached the required standard to continue with the course. In May twelve second-year students took Housecraft, Part I examination of the School of Education, Manchester University, and all passed. Miss Burrige, External Examiner for the Elizabeth Gaskell College at Manchester, examined the work. Nine third-year students took Housecraft, Part II of the Teacher's Certificate of the University of Manchester. All the candidates satisfied the examiners in Housecraft, Principles of Education, and Art applied to Housecraft. One was referred in both Practice of Education and in Science applied to Housecraft, two in English and one in Science applied to Housecraft. Five received their Teacher's Certificates in June 1962. Professor R. A. C. Oliver, M.A., B.ED., PH.D., examined the students in Practice of Education.

Mrs. Griffiths, who joined the staff as Miss Baron, Lecturer in Cookery, left with her husband for America at the end of the session. A week's course for teachers of Domestic Science in Secondary Schools was sponsored by the Department of Science and run in conjunction with the Ministry of Education.

Publications

Eva Ricketts—"Home Economics in Nairobi", published in Home Economics and Domestic Science Review.

Eva Ricketts—"Home Economics in East Africa", published in Canadian Home Economics Journal.

The Library:

The acquisition of material during the year proceeded rapidly and some eight thousand items were added to stock, in addition to current periodicals. Staff shortages have been serious. One Assistant Librarian moved with her husband to Nigeria, another took a post at Dar es Salaam University College and two juniors left. One Assistant Librarian joined the staff. For four months we had no Assistant Librarians on the staff at all and the partly trained junior staff carried the additional burden magnificently, although inevitably the service given suffered. During the year three trainees passed their first part of Library Association Registration Examination: two of them will leave shortly to take further training in England. In the new College year the Library will move into a new building and the whole of the stock can be displayed for public use. The Library will then also have adequate provision for reading and making microform material.

Women's Hall of Residence:

The activities of the Women's Halls were determined for the entire session by the extensions which have doubled our accommodation. The decision of Council to bring forward the building programme for the Women's Halls by two years was justified by an entry of fifty-seven residents, which necessitated accommodating twenty students in double-decker beds. No suitable candidate was refused a place. In addition, seventeen day students who still lack a Common Room at College, found their way up to the Halls for varying

reasons. Our formal entertaining and conferences were limited by space; but the guest wing was frequently in use for College visitors and a number of people from abroad and from Kenya came to inspect the earthworks and showed interest in this social experiment. All the Girls' High Schools and the two Training Colleges in the vicinity of Nairobi were entertained, as well as several from further afield, whose ex-pupils are now resident students. At one large and lively inter-school/College discussion representatives of the House acted as guides and gave brief talks on the work of their Faculties and the activities they hoped to pursue.

Gifts included a splendid electric kettle from Lady Twining, who made it a condition of the gift that tea cubicles should be provided in the new wings. We now have four cubicles and one kettle. Books and gramophone records have been much appreciated.

Over twenty Makerere Games representatives and their staff were accommodated in the Halls during the floods. The peak population density was ninety in bedspace for fifty-two. The cheerful way in which the Housekeeper and domestic staff coped with all hazards was exceptional. During the long vacation, the bedroom wings being completed, we were able to accommodate, at the request of Mrs. Tom Mboya who was an ex-student of the Western College, Ohio, thirty-four American women students and their staff, who were on an educational tour of East Africa. They appeared to be impressed by the facilities offered in a non-racial Hall of Residence in Africa.

Two factors militate against adequate individual study in the Halls:

- (i) the residents are too much in demand for social functions as they are still outnumbered by six to one as compared with the men;
- (ii) the O-level School Certificate entry of more than half the Hall does not provide sufficient background for independent work. For the first time there were three straight degree entries and, in time, the standard will of course rise; but examination results were indifferent.

A new development in the life of the residents has been a very general acceptance of vacation employment. This does provide the women students with extra pocket money and, in most cases, gives assistance to their homes; but it reduces still further the scant time which they give to study. With the provision of a second reading room and better study conditions in the Halls, there should be more incentive to work in the next session, without sacrificing, I trust, the obvious enjoyment of the House in its College life.

Men's Halls of Residence:

During the session 309 men students were accommodated in the three Halls of Residence, continuing to share one dining hall, which involved a considerable amount of overcrowding, particularly during the third term. In spite of this, however, the corporate life of the Halls developed favourably under the guidance of the Dean, the Wardens and the Resident Tutors.

Hall No. 4 was completed early in May 1962 but since the end of the term was so near and any move of the students would have involved some interruption in their studies, it was decided to leave this very fine new Hall unoccupied until the session 1962-1963.

Mr. Rodgers continued in office as Dean of the Men's Residences, ably assisted by Professor Loupekine, Mr. Vivian and Mr. Coe as Wardens, and Mr. Sale, Mr. Waruhiu and Mr. Platt as Resident Tutors. Mr. Nashon Justo was appointed Clerk-Housekeeper and carried out these duties most efficiently.

A highlight of the session was the Inter-Collegiate Games with Makerere University College in December, with the Royal College as host and, despite the pressure on accommodation, the student body cheerfully agreed to provide the necessary housing for their guests.

During most of the session the Gloucester Hall was not available for College social functions, because of building conversion, and most events took place in the men's dining hall, which placed still greater pressure upon the staff—a burden which was most willingly accepted.

Visitors to the College

During the session the College received a large number of visitors, among whom were the following:—

- Sir Willis Jackson, F.R.S.
Professor of Electrical Engineering, Imperial College, University of London
- Dr. J. W. Cook
Vice-Chancellor of Exeter University
- Dr. and Mrs. J. F. Lockwood
Vice-Chancellor of London University
- Mrs. Indira Gandhi
- Sir Charles Morris
Vice-Chancellor of Leeds University
- W. L. Twining, Esq.
The Faculty of Law, Khartoum University
- Professor Channing Richardson
The Friends' Service Committee, U.S.A.
- Mr. S. B. Ngcobo
Ethiopia
- Mr. R. L. Senior
The Department of Education, Australia
- Mr. C. Y. Carstairs
Assistant Under-Secretary, the Colonial Office, London
- Dr. O. von Knorring
The Department of Geology, University of Leeds
- Mr. William Green
United States Coast and Geodetic Survey
- Sir Duncan Oppenheim
Chairman, the British American Tobacco Company
- Mr. Robert Arce
The United States Technical Adviser, New York, U.S.A.
- Mr. C. Ping Lee
U.N.E.S.C.O.
- Professor James Greig
The Department of Electrical Engineering, King's College, University of London
- Dr. Lloyd Jenkins
The Department of Chemistry, University College of Rhodesia and Nyasaland
- G. S. Roberts, Esq.
Chairman of the Magadi Soda Company
- Dr. H. N. Kunzru
Member of Parliament, India
- T. C. Colchester, Esq.
Kenya Students' Adviser, London
- Professor J. A. B. Gray
The Department of Physics, University College, London
- Dr. E. B. Worthington and Monsieur Gille
U.N.E.S.C.O.
- General Dore
Consul for Israel, Nairobi
- Dr. P. A. Mohr
Seismologist at the Geophysical Observatory, Addis Ababa
- R. Landcastle, Esq.
Commissioner for Mines and Geology, Tanganyika

Professor B. C. King
The Department of Geology, Bedford College, London

J. D. McCormack, Esq.
The Inter-University Council for Higher Education Overseas, London

Professor and Mrs. Aikman
Professor of Law, Victoria University, Wellington, New Zealand

Sir David Lindsay-Keir
Master of Balliol College, Oxford

Dean McNown and Dean Hobson
The University of Kansas, U.S.A.

Professor Wells, M.R.C.S.
Professor of Surgery, University of Liverpool

Professor McClymont
Dean of the Faculty of Rural Science, University of New England, N.S.W., Australia

Professor W. M. MacMillan
Director of Colonial Studies, St. Andrew's University, Scotland

Professor Kizebo
Professor of History, the University of West Africa

Professor Wolf Leslau
University College, Addis Ababa

Professor M. S. Thakar
*Technical Education Adviser to the Government of India
 Chairman of the British Commonwealth Scientific Committee*

Hon. Edwin Samuel
Director of the Institute of Public Administration, The Hebrew University of Israel

Dr. S. L. Prescott
Vice-Chancellor, the University of Western Australia

Dr. A. L. P. Norrington
Vice-Chancellor of Oxford University

Professor Gertrude Cox
International Institute of Statisticians, Durham, North Carolina, U.S.A.

J. M. HYSLOP
Principal

Report on the Annual Accounts for the Year 1961-1962

1. This financial year was marked by certain difficulties in estimating arising from the continued expansion of the College and the inability of the College authorities to budget on a predetermined total income. The Committee will recall that it was not until May 1962 that Governments advised the College that an additional £29,000 would be made available for the financial year as a result of Sir Charles Morris's recommendations.
2. **Revenue Account**
 The Estimates for the year anticipated expenditure of £395,500: net Grants from Governments totalled £355,000 with direct College revenue of £31,000. Actual net expenditure was £389,400 with reserve provision of £5,000: £394,400 in all against total income of £386,000. The Income and Expenditure account for the year therefore shows a deficit of £8,400.

3. The accumulated deficit of 30th June, 1961 of £16,848 reflects the liability of the College to pay certain contributions in lieu of rates for the years 1951-56, on which representations have been made to Governments for the necessary funds to be provided. One Government has paid its share but finality has not yet been reached with the other two and the amount therefore stands as a liability. The true accumulated deficit is about £8,000 since the rates liability will be liquidated as soon as Governments provide the necessary funds. The deficit for 1961-62 is carried forward in accordance with Council Minute 59 (a), April 1962.
4. Certain reserve funds amounting to £28,800 shown in the balance sheet as at 30th June, 1961, have now been eliminated and returned to Governments following a decision communicated to the College in 1961.
5. Reserves which amounted to £6,391 at June 1961, now amount to £12,160, an increase of £5,700. This figure is, in the opinion of the College Administration, totally inadequate to meet replacement needs and potential liabilities. It represents nonetheless the maximum that could be provided for the financial year in question.
6. Short-term interest has resulted in a credit of £3,545 to the Income and Expenditure Account.
7. **Endowment Fund**
Grants and donations total £1,100 during the year. From a financial point of view this calls for no comment. The general report on the College for the year makes grateful reference to grants and donations received.
8. **Special Account**
The practice of showing accumulated interest against each donation has been continued. The most noteworthy aspect on Special Account is that the Gandhi Memorial Academy Society most generously agreed that accumulated interest on the balance of that Society's grant of £100,000 should be used as a contribution towards the purchase price of Chiromo Estate. The accumulated interest amounted to £33,265 and has enabled the College to purchase the Estate without undue difficulty. The balance of the purchase price, some £6,000, will be provided from interest on the Society's £100,000 before the end of 1963.
9. **Capital Account**
The item "Percentage Provision for Replacement Assets" has now ceased to appear since this, along with certain revenue balances to which reference has already been made, has been refunded to Governments. Cash at bank has been split between Grants and general College funds. The sum of £14,536 is now held on General Capital Account, an increase of some £4,700 arising exclusively from interest on short-term deposits. The College will be receiving Final Accounts on many of its capital works before the end of the current financial year and it seems probable that certain calls for excess expenditure will have to be met from this general balance. In addition, in all our capital schemes unforeseen elements may well arise which can only be met from College resources.
10. **General**
I must again record thanks for the work of the College Auditors and for their constructive suggestions.
11. **Acknowledgments**
I should like to record my appreciation of all the assistance that has been given, not only by members of the Department, but also by the whole staff of the College who have been most understanding of the financial difficulties with which we continue to be faced.

J. R. TOVELL
Incorporated Accountant, F.I.M.T.A.
Finance Officer

THE ROYAL CO

Incorporating the Gan

Balance Sheet as

(being a summary of the

| | £ Shs. Cts. | £ Shs. Cts. |
|---|-----------------|--------------------------------|
| CAPITAL ACCOUNT | | |
| Grants, Interest Received, Capitalised Expenditure and Gifts | 2,010,189.06.72 | |
| Mortgage Loans | 9,132.03.35 | |
| | <hr/> | |
| | | 2,019,321.10.07 |
| SPECIAL ACCOUNT | | |
| Donations received for Specific Purposes and Accumulated Investment Income | 122,542.16.77 | |
| | <hr/> | |
| | | 122,542.16.77 |
| ENDOWMENT FUND | | |
| Grants and Donations Received | 26,044.14.97 | |
| | <hr/> | |
| | | 26,044.14.97 |
| REVENUE ACCOUNT | | |
| Current Liabilities | 181,887.18.65 | |
| Revenue Grants unspent | 13,401.17.90 | |
| | <hr/> | |
| | | 195,289.16.55 |
| | | <hr/> |
| | | <u><u>£2,363,198.18.36</u></u> |

J. M. HYSLOP—Principal

We have examined the above summarised Balance Sheet and the attached detailed Balance Sheets are properly drawn up so as to exhibit a true and correct view of the state of the College's affairs vouchers.

Dated at Nairobi
This 4th day of December, 1962

THE ROYAL CO

Incorporating the Gan

CAPITAL

Balance Sheet as

| | £ | Shs. | Cts. | £ | Shs. | Cts. |
|--|----------|------|------|---|------|--------------------------------|
| CAPITAL | | | | | | |
| Balance at 30th June, 1961 | | | | | | 1,410,136.08.88 |
| <i>Add: Grants</i> | | | | | | |
| Colonial Development and Welfare Funds | 549,229. | 16. | 28 | | | |
| Rockefeller Foundation | 33,285. | 01. | 67 | | | |
| Gandhi Memorial Academy Society | 33,265. | 00. | 18 | | | |
| | | | | | | <u>615,779.18.13</u> |
| <i>Interest</i> | | | | | | |
| Received on Short-term Deposits | | | | | | 4,756.03.05 |
| <i>Gifts</i> | | | | | | |
| Received from Donors | | | | | | 265.03.00 |
| <i>Expenditure Capitalised</i> | | | | | | |
| Revenue Contribution to Capital | | | | | | <u>11,553.02.22</u> |
| | | | | | | <u>2,042,490.15.28</u> |
| <i>Less: Depreciation of Furniture and Equipment (10%)</i> | | | | | | <u>32,301.08.56</u> |
| | | | | | | <u>2,010,189.06.72</u> |
| MORTGAGE LOANS | | | | | | |
| Kenya Building Society | 6,332. | 03. | 35 | | | |
| South African Mutual Life Assurance Society (Secured by a charge on three staff houses) | 2,800. | 00. | 00 | | | |
| | | | | | | <u>9,132.03.35</u> |
| | | | | | | <u><u>£2,019,321.10.07</u></u> |

Note: Title Deeds have not yet been issued in respect of the Assembly Hall and Engineering Workshops and the land in the Hospital Hill area on which

THE ROYAL CO

Incorporating the Gar

SPECIAL

Balance Sheet as

| | £ Shs. Cts. | £ Shs. Cts. |
|--|--------------|----------------|
| SPECIAL ACCOUNT (Donations for specific purposes received to date) | | |
| DONATIONS | | |
| GANDHI MEMORIAL ACADEMY SOCIETY | | |
| Balance of Grant remaining | | 100,000.00.00 |
| (Note: After transferring all accumulated interest amounting to £33,265.00.18 to Capital Account as a contribution towards the purchase price of the Chiromo Land) | | |
| | | |
| EAST AFRICAN RAILWAYS AND HARBOURS ADMINISTRATION | | |
| Donations | 6,000.00.00 | |
| Add: Accumulated Interest | 370.18.54 | |
| | <hr/> | 6,370.18.54 |
| | | |
| SHELL COMPANY OF EAST AFRICA LTD. AND B.P. (E.A.) LTD. | | |
| Donations less expended | | 827.18.82 |
| | | |
| R. G. AMIN BURSARY | | |
| Bursary Fund | 521.00.00 | |
| Accumulated Interest | 170.03.07 | |
| | <hr/> | 691.03.07 |
| | | |
| M. M. BHATT TRUST FUND | | |
| Trust Fund | 500.00.00 | |
| Accumulated Interest less distributed as prizes | 119.07.50 | |
| | <hr/> | 619.07.50 |
| | | |
| OTHER DONATIONS LESS EXPENDED | | |
| Sundry | 894.10.78 | |
| Rockefeller Foundation (Economics books) | 803.02.40 | |
| Rockefeller Foundation (Library Africana) | 1,955.13.00 | |
| Ford Foundation (Research Library) | 10,380.02.66 | |
| | <hr/> | 14,033.08.84 |
| | | |
| | | <hr/> <hr/> |
| | | £122,542.16.77 |

Note: The total investment income receivable for
to £6,135.10.41 (Gross).

LLEGE, NAIROBI

dhi Memorial Academy

ACCOUNT

at 30th June, 1962

| | £ | Shs. | Cts. | £ | Shs. | Cts. |
|----------------------------------|---|------|------|--------|------|------|
| INVESTMENTS AT COST | | | | | | |
| £51,000 0 0 5% | | | | 50,495 | 00 | 00 |
| Kenya Stock 1970/72 | | | | | | |
| £ 318 2 6 4½% | | | | 325 | 00 | 00 |
| Kenya Stock 1971/78 | | | | | | |
| £10,000 0 0 5½% | | | | 9,778 | 02 | 50 |
| E.A.H.C. Stock 1980/84 | | | | | | |
| £ 5,000 0 0 4½% | | | | 4,450 | 00 | 00 |
| Kenya Stock 1961/71 | | | | | | |
| £10,000 0 0 3½% | | | | 7,962 | 10 | 00 |
| Uganda Stock 1966/69 | | | | | | |
| £ 5,000 0 0 3½% | | | | 4,087 | 10 | 00 |
| Jamaica Stock 1958/68 | | | | | | |
| £ 9,800 0 0 6½% | | | | 9,508 | 00 | 00 |
| Kenya Stock 1972/74 | | | | | | |
| £25,000 0 0 6½% | | | | 24,062 | 10 | 00 |
| Kenya Stock 1965 | | | | | | |

£116,118 2 6

110,668.12.50

(Market value of Investments at 30th June, 1962, amounted to £80,760)

Post Office Savings Bank

154.14.17

110,823.06.67

CURRENT ASSETS

Tax refundable 2,332.05.60

Cash at Bank 9,387.04.50

11,719.10.10

£122,542.16.77

the year and allocated to individual funds amounted

THE ROYAL CO

Incorporating the Gam

ENDOWM

Balance Sheet as

| | £ | Shs. | Cts. | £ | Shs. | Cts. |
|---|---------|------|------|---------|------|------|
| ENDOWMENT FUND | | | | | | |
| Balance as at 30th June, 1961 | 24,944. | 14. | 97 | | | |
| Grants and Donations received during year ended 30th June, 1962 | 1,100. | 00. | 00 | | | |
| | | | | <hr/> | | |
| | | | | 26,044. | 14. | 97 |

£26,044. 14. 97

Note: Interest on Endowment Fund Investments and Account.

COLLEGE, NAIROBI

dhi Memorial Academy

ENT FUND

at 30th June, 1962

| | £ | Shs. | Cts. | | £ | Shs. | Cts. |
|---------------------|---|------|------|----------------------------------|--------|------|------|
| INVESTMENTS AT COST | | | | | | | |
| £ 7,133 4 6 4% | | | | E.A.H.C. Stock 1973/76 | 7,100 | 00 | 00 |
| £13,450 17 9 3% | | | | Savings Bonds 1965/75 | 10,000 | 00 | 00 |
| £ 1,690 2 10 3% | | | | Savings Bonds 1960/70 | 1,500 | 00 | 00 |
| £ 2,108 9 7 4½% | | | | Kenya Stock 1971/78 | 1,144 | 00 | 00 |
| £ 8,995 17 3 5¾% | | | | E.A.H.C. (R. & H.) Stock 1977/83 | 6,300 | 00 | 00 |

£33,378.11.11

26,044.00.00

(Market value of Investments at 30th June, 1962, amounted to
£21,200)

CASH AT BANK 14.97

£26,044.14.97

ounting to £1,260.03.90 has been credited to Revenue

THE ROYAL CO

Incorporating the Gan

REVENUE

Balance Sheet as

| | £ | Shs. | Cts. | £ | Shs. | Cts. |
|--|---|------|---------------|---|------|---------------|
| CURRENT LIABILITIES | | | | | | |
| Sundry Creditors, Provisions and Reserves | | | 119,475.18.33 | | | |
| Bank Overdraft | | | 62,412.00.32 | | | |
| | | | <hr/> | | | |
| | | | | | | 181,887.18.65 |
| REVENUE GRANTS UNSPENT | | | | | | |
| Being portion of various grants receivable from the Rockefeller Foundation unspent at 30th June, 1962 | | | | | | 13,401.17.90 |

£195,289.16.55

LEGE, NAIROBI

dhi Memorial Academy

ACCOUNT

at 30th June, 1962

| | £ | Shs. | Cts. | £ | Shs. | Cts. |
|---|---------|---------|-------|---|---------|-------|
| ASSETS | | | | | | |
| <i>Stores</i> | | | | | | |
| On hand at cost or lower valuation | | | | | 9,171. | 13.40 |
| <i>Debtors</i> | | | | | | |
| Sundry Debtors, Deposits, and Payments in Advance | | | | | 65,783. | 19.65 |
| <i>Short-term Deposits</i> | | | | | | |
| United Dominions Trust | 18,000. | 00. | 00 | | | |
| Credit Finance Corporation Ltd. | 50,000. | 00. | 00 | | | |
| Kenya Building Society | | 5. | 00 | | | |
| Crown Agents | 27,000. | 00. | 00 | | | |
| | | | | | 95,005. | 00.00 |
| <i>Cash</i> | | | | | | |
| Crown Agents | | | | | 77. | 04.89 |
| INCOME AND EXPENDITURE ACCOUNT | | | | | | |
| Accumulated deficit at 30th June, 1961 | | 16,848. | 11.56 | | | |
| Add: Deficit for the year ended 30th June, 1962 | | 8,403. | 07.05 | | | |
| Accumulated deficit at 30th June, 1962 | | | | | 25,251. | 18.61 |

£195,289.16.55

THE ROYAL CO

Incorporating the Gan

Income and Expenditure Account

| | £ Shs. Cts. | £ Shs. Cts. |
|--|---------------|---------------|
| EXPENDITURE (Recurrent and Non-recurrent) | | |
| Academic Expenditure | 259,660.01.44 | |
| Administrative Expenses (including non-departmental charges) | 124,540.11.20 | |
| Students and Other Charges | 51,457.00.31 | |
| | <hr/> | 435,657.12.95 |

£435,657.12.95

| | £ Shs. Cts. |
|--|------------------------------|
| Balance brought down | 360,189.09.40 |
| Fees and charges irrecoverable | 233.00.00 |
| Reserves and Provisions | 5,000.00.00 |
| | <hr/> |
| | £365,422.09.40 |
| | <hr/> |
| Gross deficit brought down | £ Shs. Cts. 365,185.05.00 |

£365,185.05.00

COLLEGE, NAIROBI

dhi Memorial Academy

for the year ended 30th June, 1962

| | £ | Shs. | Cts. | £ | Shs. | Cts. |
|---|---|------|------|---------------|--------------|----------------|
| INCOME | | | | | | |
| <i>Fees receivable</i> | | | | | | |
| Full-time Students—Tuition | | | | 19,138.00.00 | | |
| —Residence | | | | 44,110.16.68 | | |
| | | | | <hr/> | | |
| | | | | | 63,248.16.68 | |
| Part-time Students | | | | | | 191.14.25 |
| Local examinations | | | | | | 3.00.00 |
| <i>Rents and Hire Charges Receivable</i> | | | | | | |
| Staff Flats and Houses | | | | 5,349.11.86 | | |
| Main Tuition Building and Assembly Hall | | | | 8.15.00 | | |
| | | | | <hr/> | | |
| | | | | | 5,358.06.86 | |
| <i>Catering Sales (Refectory)</i> | | | | | | 1,663.01.23 |
| <i>Interest Receivable</i> | | | | | | |
| Endowment Fund Investments | | | | 1,260.03.90 | | |
| Staff Loans | | | | 198.01.73 | | |
| Net short-term Interest | | | | 3,544.18.90 | | |
| | | | | <hr/> | | |
| | | | | | 5,003.04.53 | |
| TOTAL INCOME | | | | | | |
| | | | | | | 75,468.03.55 |
| Balance carried down | | | | | | 360,189.09.40 |
| | | | | | | <hr/> |
| | | | | | | £435,657.12.95 |
| £ Shs. Cts. | | | | | | |
| College Contributions forfeited by ex-members of the College | | | | | | |
| Provident Fund Scheme | | | | | | 237.04.40 |
| Gross deficit carried down | | | | | | 365,185.05.00 |
| | | | | | | <hr/> |
| | | | | | | £365,422 09 40 |
| £ Shs. Cts. | | | | | | |
| Grants receivable for Recurrent and Non-recurrent expenditure | | | | | | |
| <i>Territorial Governments</i> | | | | | | |
| Kenya | | | | 179,247.00.00 | | |
| Uganda | | | | 114,182.00.00 | | |
| Tanganyika | | | | 58,644.00.00 | | |
| Zanzibar | | | | 3,000.00.00 | | |
| | | | | <hr/> | | |
| | | | | | | 355,073.00.00 |
| <i>Rockefeller Foundation</i> | | | | | | |
| (Portion of Grants utilised) | | | | | | |
| Scientific Research Grant | | | | 136.17.74 | | |
| Veterinary School Development | | | | 1,572.00.21 | | |
| | | | | <hr/> | | |
| | | | | | | 1,708.17.95 |
| | | | | | | <hr/> |
| | | | | | | 356,781.17.95 |
| Net deficit | | | | | | 8,403.07.05 |
| | | | | | | <hr/> |
| | | | | | | £365,185 05 00 |
| | | | | | | <hr/> |