

Annual Report and Accounts  
OF THE  
ROYAL TECHNICAL COLLEGE  
OF EAST AFRICA  
FOR THE YEAR 1953

# THE ROYAL TECHNICAL COLLEGE OF EAST AFRICA

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**Chairman :**

G. P. WILLOUGHBY ESQ., O.B.E.

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**Principal :**

MAJOR GENERAL C. BULLARD, C.B., C.B.E., B.(ENG.), M.I.MECH.E., M.I.E.E., M.I.I.A.

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**Bankers :**

BARCLAYS BANK D.C.O.

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**Solicitors :**

MESSRS. DALY & FIGGIS



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## Foreword by The Chairman of the Governing Council

The Report and Accounts for the Year 1953 are submitted.

The work of bringing the College into being was continued during the year as steadily as the state of Emergency in Kenya permitted. During the year that work was still being organised by the Governing Council appointed under the Charter issued by Sir Philip Mitchell in 1951.

That Council, which was representative of all three territories ceased its labours on 30th April, 1954, because the Royal Technical College of East Africa Act, 1954 came into operation on 1st May, 1954. It has, therefore, fallen to the lot of the new Governing Council appointed under the Act to publish the retired Council's Report and Accounts. These are dealt with in the manner laid down by the Charter though they will be distributed to the destinations specified by the Act.

It is interesting that the Accounts should show that at this early stage in the life of the College it has received a gift to be applied to the granting of an Amin Bursary, when the College opens.

In November, 1953 the Governing Council launched an appeal to the Public for the building up of an Endowment Fund. I am pleased to record that, though the College is not yet in being, business and industrial firms and individuals have in their response shown good will to the College. One donor has referred, quite rightly, to "the underlying importance of the work you are doing." It will be many years before this Endowment Fund reaches adequate proportions but the start that has been made is gratifying.

I am glad to be able to place on public record an appreciation of the work of the Members of the retired Governing Council and a welcome to the Members of the new Council, who have undertaken a task of considerable importance and responsibility.

G. P. WILLOUGHBY.

Ngong,  
3rd October, 1954.



# Annual Report by the Principal to the Governing Council

## **Governing Council Meetings**

Since the last Report, which covered the period 7th September, 1951 to 31st December, 1952, the Governing Council has met four times, making a total of 12 meetings altogether.

The crystallisation of several important policies has resulted from decisions relating to issues in both the administrative and academic fields. These are reflected in the paragraphs of this Report.

At the 9th meeting, the decision was taken that Major General C. Bullard, C.B., C.B.E., would be appointed as Principal.

## **Interterritorial Relationships**

Inter-Territorial Relationships have been on the most co-operative and constructive basis.

The assistance which has been given by the Education Departments is highly appreciated and the deliberations which are in progress, both territorially and interterritorially, with the aim of adapting the educational system to take full advantage of the facilities for higher technological education which will exist at the Royal Technical College, will be of the utmost value.

Without this active attention to the base of the technical educational pyramid, the usefulness of the apex, represented in East Africa by the Royal Technical College, would be much reduced.

## **Royal Technical College of East Africa Bill.**

The draft of the Royal Technical College of East Africa Bill, which will be moved early in 1954 in the Central Assembly of the High Commission, has been completed and circulated to Governments. The objects of the Bill are to make the Governing Council a Corporate Body under the High Commission and to set forth the aims of the College and its main administrative and academic features.

## **Academic Policy.**

In formulating the academic policy of the College, the following basic principles have been adopted :—

- (a) That the ultimate aims of the College must be defined from the start and, even if not initially attainable, must be attainable without disruption of the initial organisation.



- (b) While the Technical Colleges in the United Kingdom will be accepted in general as the pattern on which to mould the Royal Technical College, modifications must be introduced if, without them, some of the needs of East Africa cannot be met.
- (c) In order to encourage the ablest students of all races to undertake their technological training in East Africa and to deter them from continuing to go abroad to Colleges where degrees can be obtained, courses of degree standard must be available at the College from the start, and the attainment of recognition that College training curricula and final examinations are of degree equivalent must constitute an objective of primary importance.

### **Gandhi Memorial.**

The funds collected in East Africa as a memorial to Mahatma Gandhi were originally intended for the erection and endowment of a separate multi-racial college with departments of Arts, Science and Commerce. As these subjects were to be taught, among others, in the Royal Technical College and as the multi-racial principles of the two projects were the same, it was realised by those responsible in each case that unnecessary and uneconomic duplication would result if two separate colleges were established. Accordingly a merger of the two projects has provisionally been arranged.

The general terms of the proposed agreement reflect a most constructive and impartial attitude on the part of the Gandhi Memorial Society, whose representatives realised early that any establishment of this sort must be controlled both administratively and academically as one institution, with the Governing Council as the supreme authority.

In recognition, however, of the original purpose for which the funds were donated, a Board representing the Society, to advise the Governing Council concerning the faculties of Arts, Science and Commerce is visualised as being incorporated in the College administration.

The portions of the College building allotted to these faculties are to be paid for by the funds of the Gandhi Memorial Society and will incorporate suitable tablets commemorating Mahatma Gandhi and the principal donors to the memorial.

### **United States Foreign Operations Administration**

Following a visit to East Africa of representatives of the Foreign Operations Administration, it was considered that development of the College would comprise a project which the Foreign Operations Administration might be prepared to sponsor.

A proposal which, if accepted will very materially expedite the expansion and development of the College's instructional and research resources, is therefore being prepared. This will not only set out the material and financial aspect of the requirement but also recommend an informal association with an appropriate American Technical College

Technical advice and assistance will thus become available to the Royal Technical College while the American College will, it is hoped, derive benefit, both practical and philosophical, from association with this pioneering, multi-racial undertaking.



## **Main Instructional Building**

The construction of the main building is due to be completed in June, 1955. Earlier hopes that some part of the building at least would be available for the starting of courses in January, 1955, have had to be relinquished.

The construction is being carried out by Messrs. Taylor Woodrow (E.A.), Ltd., under the supervision of the Kenya Public Works Department and is proceeding according to schedule.

Changes in the original structure of the main assembly hall have had to be effected for acoustical reasons. This may affect the completion date of this part of the building but, it is hoped, not considerably.

## **Workshops**

The original plans for the workshops which are to be erected on the College plot adjacent to the Norfolk Hotel were found on analysis to be unsuitable. A new lay-out is now being prepared by the Kenya Public Works Department.

## **Land**

Plots No. 2784 and 2785 which lie between Princess Elizabeth Highway and Hospital Hill Road are still the subject of legal action by the owners, relating to the compulsory purchase price which was awarded by the Kenya Government.

Efforts are being made to expedite a decision, as on this depends the planning of the College hostels and recreational facilities.

## **Staff Housing**

The Governing Council decided that separate houses would be appropriate for Heads of Departments and authorised the purchase of up to six of these, at a maximum cost of £5,000 each, before the end of 1954, if and when required.

It was decided to house the remainder of the staff in blocks of flats and the design of these, for erection on the College plot adjacent to Protectorate Road, was placed in the hands of Messrs. Blackburne, Norburn and Partners, Architects. Twelve three-bedroom flats, eighteen two-bedroom flats and twenty-eight single bedroom flats are being planned on this site in six blocks. Initially, only four of these blocks will be constructed, containing twelve three-bedroom and twelve two-bedroom flats.

Each block of two and three-bedroom flats is being designed so that, if an increased density of population is accepted by the City Council, three more stories can be added and a lift installed without appreciable constructional alterations.

## **Students' Hostels**

A general site lay-out on the College plots adjacent to Hospital Hill Road has been prepared and detailed plans are in hand with Messrs. Blackburne, Norburn and Partners, Architects.

The hostel blocks are being constructed for 100 students each on a bedroom-study-per-student basis. Each block will contain accommodation for a resident tutor.



Dining room and cooking accommodation will be provided centrally for each group of four hostel blocks.

Although the overall plan allows for the erection of eight blocks eventually, only two of these will be constructed initially.

Planning of the Women's Hostel (C. D. and W. Scheme D. 1906) is also in hand by the same Architects on the College plot in Protectorate Road adjacent to that allocated to the staff flats.

### **Subordinate Employees Housing**

A site of 1.16 acres in the new African housing area adjacent to Doonholme Road has been allocated to the College by the City Council for development as a housing estate for African subordinate College employees.

### **Equipment**

A detailed analysis of equipment required for the College is to be undertaken early in the New Year, on the result of which orders will be placed.

### **Mechanical Engineering Course**

An Assistant Lecturer was appointed in September, 1953, and the course for Railway Apprentices was started in October, 1953. Unfortunately, numbers have been much reduced owing to the emergency call-up of a large proportion of the apprentices.

### **Technical Institutes**

Throughout East Africa the need is clearly recognised for training facilities to produce large numbers of technicians with a high degree of trade and occupational proficiency and qualified to become Charge-hands, Foremen, Secretary-Stenographers, Accountants-etc.

Nevertheless, it is essential for the College to establish and retain the higher standard of its courses and to function independently of lower level instruction ; otherwise recognition of the College as providing suitable training facilities for professional men and women, in due course acceptable as Associate members, will not be accorded by the various Institutions, in particular those of Civil, Mechanical and Electrical Engineers.

It is, therefore, the intention of the Territorial Governments to develop their own Technical Institutes for the further practical and theoretical training of students and tradesmen, possibly already in civilian occupations, and of others who have not been able to qualify for entry to the College but who still desire to do so.

Agreement was reached in July, 1953, with the Kenya Government that the surplus accommodation and staff-time which would be unavoidable in the initial stages of the College's development would be made available to the Kenya Government for its Institute requirements in return for appropriate payments to the College.

It was at the same time recognised that the needs of the College would take priority and that, as the number of students at the College increased, the Kenya Government would gradually transfer its Institute courses to other premises.



Other Territorial Governments were informed that there is no intention on the part of the Kenya Government to utilise for its own purposes any of the resources of the College, except temporarily by agreement with the Governing Council and with appropriate payments.

It is, furthermore, accepted that should Tanganyika, Uganda or Zanzibar wish to send students to these Institute courses, they will be very welcome to do so on similar terms.

C. BULLARD

*Principal.*

# THE ROYAL TECHNICAL COLLEGE OF EAST AFRICA

Balance Sheet as at 31st December, 1953

	£	s. cts.	£	s. cts.		£	s. cts.	£	s. cts.
<b>REVENUE ACCOUNT :</b>					<b>FIXED ASSETS :</b>				
Balance at 1st January, 1953	915.	9.	.	.	Land, at cost (Plots 2784, 2785, 2302, 330/263) ...	21,985.	9.	0	
Add: Excess of income over expenditure for 1953	1,428.	13.	56	2,344.	Main Tuition Block, Expenditure to date ...	44,192.	11.	66	
	-----			-----	Staff Housing, Expenditure to date ...	11,300.	17.	3	
<b>ENDOWMENT FUND :</b>					77,478.	17.	69		
Donations received ... ..	755.	0.	0		Less: Write off of part cost of compulsory acquisition ... ..	796.	5.	80	
Grant by E.A. Railways and Harbour Administration	2,587.	14.	3		-----				76,682.
(Total Grant £3,000 less ex- penses of scheme £412.5.97)	-----			3,078.	Staff Furniture, at cost ...	380.	0.	62	
	3,342.	14.	3	-----	Less: Depreciation for one year (10%) ... ..	38.	0.	62	
Less: Expenses in opening Endowment Fund ... ..	264.	13.	15		-----				342.
	-----			3,078.	Office Furniture and Equip- ment, at cost ... ..	1,429.	1.	47	
<b>COLONIAL DEVELOPMENT AND WELFARE SCHEME (D.1590) :</b>					Less: Depreciation for year (10%) ... ..	142.	18.	47	
Grants received to date (out of total £150,000) ... ..				83,600.	-----				1,286.
				0.	Sundry Equipment, at cost ...				79.
<b>BUILDING FUND :</b>					-----				10.67
Grants received to date :									78,390.
Kenya Government ... ..	122,000.	0.	0		<b>INVESTMENTS :</b>				
Uganda Government ... ..	100,000.	0.	0		Capital Account :				
Tanganyika Government...	50,000.	0.	0		Fixed Deposits (Barclays Bank D.C.O. Nairobi) ...	237,075.	0.	0	
	-----			272,000.	Post Office Savings Bank (including accrued interest)	37,321.	17.	13	
				0.	-----				274,396.
<b>R.G. AMIN BUSARY FUND :</b>					R.G. Amin Bursary :				
Capital sum received ... ..	325.	0.	0		£318.2.6d Kenya 4½% Stock 1971/78, at cost (market value at 31.12.53 £320)	325.	0.	0	
Interest received and accrued	14.	8.	38		Post Office Savings Bank (including accrued interest)	14.	8.	38	
	-----			339.	-----				339.
				8.38					8.38
				361,361.	<b>CURRENT ASSETS :</b>				
<b>CURRENT LIABILITIES AND PROVISIONS :</b>					Sundry Debtors ... ..	295.	0.	0	
Sundry Creditors ... ..	37.	10.	0		Cash at Bank and in hand	8,244.	17.	53	
Provision for Staff Leave Pay and Passages ... ..	267.	6.	75		-----				8,539.
	-----			304.					17.53
				16.75					-----
				-----					£361,666.
				361,666.					8.60
				8.60					-----
				-----					£361,666.
				8.60					8.60



1. Over five years it is proposed to reduce the value of land and buildings already acquired by £3,981.9.0. representing the estimated excess of cost by compulsory acquisition over true market value.
2. The investments are held by Barclays Bank (D.C. & O.), Nairobi as Trustees under the Charter dated 7th September, 1951. The land has not yet been vested in the Trustees.
3. The Royal Technical College of East Africa Act, 1954, has not yet come into operation.

Signed : G. P. Willoughby, *Chairman.*

Signed : C. Bullard, *Principal.*

### AUDITORS' REPORT :

We have examined the above Balance Sheet and have obtained all the information and explanations we have required. In our opinion the Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the College's affairs according to the best of our information and the explanations given to us and as shown by the books and vouchers.

Nairobi,  
7th May, 1954.

DUNSTAN ADAMS & MAY,  
(Sgd.) J. B. STOREY,  
*Auditors.*

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1953

1953	£	s. cts.	£	s. cts.	1953	£	s. cts.
31st December					31st December		
<b>GOVERNING COUNCIL—ADMINISTRATIVE :</b>					<b>GRANT RECEIVED FROM UGANDA</b>		
Stationery and Printing ...		38.14.50			GOVERNMENT to meet		
Postages and Telegrams ...		14. 6.30			recurrent expenditure ... ..	1,000. 0. 0	
Telephone ... ..		13.12. 0			<b>INTEREST RECEIVED AND ACCRUED ON</b>		
Travelling Allowances ...		48. 9.15			... .. INVESTMENTS	5,530. 3.80	
Subsistence Allowances ...		16.18.75			<b>RENT RECEIVED FROM STAFF HOUSES</b>	389. 9.33	
Honorarium to Chairman		500. 0. 0					
Audit Fee... ..		37.10. 0					
Bank Charges ... ..		5.15.58					
Trustees' Fee ... ..		122.17.50					
Insurance ... ..		10.14.35					
			808.18.13				
<b>SALARIES—EXECUTIVE :</b>							
Senior Staff ... ..		1,487. 9. 1					
Junior Staff ... ..		38.13.97					
			1,526. 2.98				
<b>OTHER CHARGES—EXECUTIVE :</b>							
Stationery and Printing ...		78.19.10					
Postages and Telegrams ...		9.15.65					
Travelling Allowances ...		108. 9.35					
Subsistence Allowances ...		23.15.50					
Telephone ... ..		18.17. 7					
Staff Passages ... ..		697.18.87					
Provision for Staff Passages							
on completion of tour ...		206.11.75					
Office Rent ... ..		210. 0. 0					
Provision for Leave Pay on							
completion of tour ... ..		60.15. 0					
Maintenance and repair of							
Staff housing ... ..		681. 6.95					
Water and Electricity ...		9.16. 5					
Recruitment of Staff ...		51. 8.33					
Uniforms ... ..		10.15.50					
General Expenses ... ..		10. 4.45					
			2,178.13.57				
<b>WRITE OFF OF PART COST</b>							
<b>OF COMPULSORY ACQUI-</b>							
<b>SITION OF LAND ... ..</b>			796.5.80				
<b>DEPRECIATION :</b>							
Office Furniture and Equip-							
ment (10%) ... ..		142.18.47					
Staff Housing Furniture							
(10%) ... ..		38. 0.62					
			180.19. 9				
			5,490.19.57				
Surplus for year ... ..			1,428.13.56				
			<u>£6,919.13.13</u>				
							<u>£6,919.13.13</u>