



Institute of Applied Science and Technology
Statement of Financial Position
As At 31 December 2012

	Note	2012 \$'000	2011 \$'000
ASSETS			
<u>Non-Current Assets</u>			
Property, Plant and Equipment	8	<u>242,818</u>	<u>234,120</u>
		<u>242,818</u>	<u>234,120</u>
<u>Current Assets</u>			
Debtors		50	50
Cash and cash equivalents	9	<u>8,862</u>	<u>11,617</u>
<i>Total Current Assets</i>		<u>8,912</u>	<u>11,667</u>
Total Assets		<u><u>251,730</u></u>	<u><u>245,787</u></u>
 EQUITY AND LIABILITIES			
<u>Equity</u>			
Accumulated Fund		3,438	(31,490)
Capital Releases		<u>228,956</u>	<u>222,079</u>
<i>Total Equity</i>		<u>232,394</u>	<u>190,588</u>
<u>Current Liabilities</u>			
Creditors		19,336	10,378
Suspense Account		-	44,820
<i>Total Current Liabilities</i>		<u>19,336</u>	<u>55,199</u>
Total Equity and Liabilities		<u><u>251,730</u></u>	<u><u>245,787</u></u>



 Deonarine Jagdeo
 Deputy Director - Technology



 Nonieka Daniels for Indranie Persaud
 Chief Accountant

Institute of Applied Science and Technology
Statement of Comprehensive Income
For the year ended 31 December 2012

	Note	2012 \$'000	2011 \$'000
<u>REVENUE</u>			
Government Subvention		116,365	99,179
Other Revenue	4	3,103	19,160
Consultation		-	2,400
Deferred Income		34,294	21,104
Capital Subvention		3,252	13,464
Other Income		290	-
TOTAL REVENUE		<u>157,305</u>	<u>155,307</u>
<u>EXPENSES</u>			
Employment Costs	5	70,956	66,650
Admin. Expenses	6	11,001	5,830
Electricity		17,308	24,664
Depreciation		35,241	24,796
Project and other Expenses	7	24,182	21,420
Bank Charges		30	12
Road Research		-	48
Refund on Subvention		2,003	1,213
Capital Works		3,475	13,464
Other Laboratory Expenses		3,002	3,860
TOTAL EXPENSES		<u>167,197</u>	<u>161,957</u>
DEFICIT FOR THE YEAR		(9,892)	(6,650)

Institute of Applied Science and Technology
Statement of Changes in Equity
For the year ended 31 December 2012

	Accumulated Fund \$'000	Capital Releases \$'000	Total \$'000
Balance at 1 January 2011	(24,840)	138,647	113,807
Deficit for the year	(6,650)		(6,650)
Capital Releases received for the year		104,536	104,536
Amortisation for the year		(21,104)	(21,104)
Balance at 31 December 2011	<u>(31,490)</u>	<u>222,079</u>	<u>190,589</u>
Balance at 1 January 2012	(31,490)	222,079	190,589
Deficit for the year	(9,892)		(9,892)
Suspense Account Adjustment	17,435		17,435
Accumulated Adjustment related to Electricity Charges	27,385		27,385
Capital Releases received for the year		41,171	41,171
Amortisation for the year		(34,294)	(34,294)
Balance at 31 December 2012	<u><u>3,438</u></u>	<u><u>228,956</u></u>	<u><u>232,394</u></u>

Institute of Applied Science and Technology
Statement of Cash Flows
For the year ended 31 December 2012

	2012	2011
	\$'000	\$'000
<u>Cash Flow from Operating Activities</u>		
Deficit for the year	(9,892)	(6,650)
Adjustments for:		
Depreciation	35,241	24,796
Amortization of capital assets	(34,294)	(21,104)
Changes in:		
Trade and Other Payables	8,958	(2,166)
<i>Net cash flow from operating activities</i>	<u>12</u>	<u>(5,124)</u>
<u>Cash Flow from Investing Activities</u>		
Purchase of fixed assets	(43,938)	(105,371)
Proceeds from sale of motor vehicle	-	-
<i>Net cash flow from investing activities</i>	<u>(43,938)</u>	<u>(105,371)</u>
<u>Cash Flow from Financing Activities</u>		
Funds from Other sources	41,171	104,536
<i>Net cash flow from financing activities</i>	<u>41,171</u>	<u>104,536</u>
Net increase in cash and cash equivalents	(2,755)	(5,959)
Cash and cash equivalents at the beginning of the year	(602)	5,356
Cash and cash equivalents at the end of the year	<u>(3,357)</u>	<u>(602)</u>

Institute of Applied Science and Technology
Notes to the Financial Statements
For the year ended 31 December 2012

Note 1 **Incorporation and Principal Activities**

The Institute of Applied Science and Technology (IAST) was established in March 1980 as an implementation arm of the National Science and Research Council to serve as the focal point for Research and Development and Technology transfer in Guyana, as well as to develop a database in areas of scientific research and technological innovative.

IAST is being governed by the National Science Research Council Act No. 26 of 1974 dated 19th August, 1974 and has as its mandate the development and/or adaption of appropriate technology for the utilization of Guyana's natural resources, so that these resources can be gainfully developed and exploited, for the benefit of the people of Guyana.

Note 2 **A Summary of Significant Accounting Policies**

The Institute applied the International Accounting Standard 1 (IAS 1) in preparing the financial statements in accordance with International Financial Reporting Standards (IFRSs).

(a) ACCOUNTING CONVENTION

The financial statements have been prepared using the historic cost convention.

(b) FIXED ASSETS

Depreciation is calculated on the straight line basis using the life of the asset.

Assets are not depreciated in the year of acquisition.

Depreciation is calculated as follows :-

Fixtures and Fittings	10%
Motor Vehicles	20%
Office Equipment	15%
Office Furniture	15%
Plant and Machinery	5%
Infrastructure Asset	7%
Laboratory Equipment	15%
Machine Equipment	15%

(c) STOCKS

Stocks are expensed out at the time of purchase.

(d) ACCOUNTING POLICY

The financial statements are prepared on the accrual basis.

(e) AMORTISATION OF CAPITAL ASSETS

Amortisation of capital assets are calculated on the straight line basis using the life of the asset.

Capital Assets are not amortized in the year of acquisition.

Note 3 Key Management Personnel

The Institute is currently headed by a Director and Deputy Director - Administration and Technology; listed below are their emoluments for the year 2012:

	2012	2011
	\$'000	\$'000
Director		
<i><u>Short-term Employment Benefits</u></i>		
Annual Honorarium	6,361	6,507
Rental Allowances	2,909	2,909
Benefits and Allowances	1,961	2,006
Electricity Allowance	385	454
Telephone and Internet Allowance	431	336
	<u>12,047</u>	<u>12,212</u>

Deputy Director (Administration)*Short-term Employment Benefits*

Annual Gross Salary	3,181	3,029
Annual Benefits and Allowances	981	934
Annual Telephone Allowance	60	60
Annual Travel Allowance	300	300
National Insurance Scheme	134	83
	<u>4,656</u>	<u>4,406</u>

Deputy Director (Technology)*Short-term Employment Benefits*

Annual Gross Salary	3,181	3,029
Annual Benefits and Allowances	1,329	934
Annual Telephone Allowance	60	60
National Insurance Scheme	134	83
	<u>4,704</u>	<u>4,106</u>

Note 4 **OTHER REVENUE**

Other Revenue represents income received for testing of sample analysis for clients from the Analytical Laboratory.

2012	2011
\$'000	\$'000

Note 5 **Employment Costs**

Wages Control	44,001	39,821
Guyana Revenue Authority	6,629	7,333
Guyana Public Service Union	29	24
Guyana Public Service Credit Union	556	476
North American Life Insurance Co.	37	38
Student Loan - UG	75	60
National Insurance Scheme Contribution	4,569	4,284
Demerara Mutual	18	18
Benefit and Allowance	854	3,514
Gratuity	9,698	8,126
Vacation allowance	4,489	2,956
	<u>70,956</u>	<u>66,650</u>

2012	2011
\$'000	\$'000

Note 6 **Administrative Expenses**

Local Traveling and subsistence	498	684
Print and Non Print Material	776	602
Cleaning and Extermination	625	444
Postage, Telex and Courier Services	196	294
Office Equipment and Supplies	828	747
Field Material and Supplies	875	430
Laboratory supplies	113	99
Janitorial Cleaning and Supplies	613	404
Staff Training	1,974	103
Telephone Charges	1,243	821
Vehicle Expenses	2,905	1,095
Water charges	354	107
	<u>11,001</u>	<u>5,830</u>

	2012 \$'000	2011 \$'000
<i>Note 7</i> <u>Project and Other Expenses</u>		
Fuel and Lubricants	1,590	895
Refreshment and Meals	1,459	1,243
Repairs and Maintenance - Building	3,304	2,209
- Equipment	2,008	1,635
National & Other Event & Dietary	902	960
Other Operating Expenses	3,518	3,175
Overseas travel and Official Visit	5,724	4,920
Rental Charges	2,909	2,909
Maintenance of Other Infrastructure	2,768	1,274
Consultation fees	-	2,200
	<u>24,182</u>	<u>21,420</u>

Note 8 Fixed Assets Schedule

Cost	Plant and Machinery \$'000	Office Furniture \$'000	Office Equipment \$'000	Lab Equipment \$'000	Infrastructure Assets \$'000	Machine Equipment \$'000	Fixtures and Fittings \$'000	Motor Vehicles \$'000	Total \$'000
Balance at 1 January 2012	41,592	3,810	11,661	148,127	13,143	44,071	8,738	37,083	308,225
Additions	-	258	1,309	38,917	3,181	274	-	-	43,938
Disposals	-	-	-	-	-	-	-	-	-
Adjustments for 2011	-	-	-	-	-	-	-	-	-
Balance at 31 December 2012	41,592	4,068	12,970	187,043	16,323	44,345	8,738	37,083	352,163
<u>Depreciation</u>									
Accumulated Depreciation at 1 January 2012	4,059	948	5,017	24,019	2,603	1,960	7,880	27,620	74,105
Charges for the year	1,867	483	1,751	22,223	920	6,620	107	1,270	35,241
Disposals	-	-	-	-	-	-	-	-	-
Accumulated Depreciation at 31 December 2012	5,925	1,431	6,767	46,242	3,523	8,580	7,987	28,890	109,345
Net Book Value as at 31 December 2012	35,667	2,637	6,203	140,802	12,800	35,765	751	8,193	242,818
Net Book Value as at 31 December 2011	37,533	2,862	6,644	124,108	10,540	42,111	858	9,463	234,120

Cash and Cash Equivalents

	Opening Balance	Payments	Deposits	Closing Balance
<u>Cash at Bank</u>				
2011	2011	2011	2011	2011
\$'000	\$'000	\$'000	\$'000	\$'000
General Account	(844)	(232,478)	234,994	1,672
Petty Cash Control A/C	11	-	-	11
	<u>(833)</u>	<u>(232,478)</u>	<u>234,994</u>	<u>1,682</u>
<u>Cash at Bank</u>	Opening Balance	Payments	Deposits	Closing Balance
\$'000	\$'000	\$'000	\$'000	\$'000
Revenue Account	6,190	-	3,745	9,935
	<u>6,190</u>	<u>-</u>	<u>3,745</u>	<u>9,935</u>
Total Cash and Cash Equivalents	5,356	(232,478)	238,739	11,617
<u>Cash at Bank</u>	Opening Balance	Payments	Deposits	Closing Balance
2012	2012	2012	2012	2012
\$'000	\$'000	\$'000	\$'000	\$'000
General Account	1,672	(166,626)	173,805	8,851
Petty Cash Control A/C	11	-	-	11
	<u>1,683</u>	<u>(166,626)</u>	<u>173,805</u>	<u>8,862</u>
Total Cash and Cash Equivalents	1,683	(166,626)	173,805	8,862

Note 10

Year	Electricity Charges by GPL	Electricity Charges stated on Audit Statement	Variance
2006	8,841,548	5,977,857	2,863,691
2007	12,136,174	10,675,306	1,460,868
2008	10,628,605	15,306,297	(4,677,692)
2009	9,720,998	22,927,295	(13,206,297)
2010	14,395,177	19,665,624	(5,270,447)
2011	16,109,220	24,664,430	(8,555,210)
Total	71,831,722	99,216,809	(27,385,087)

