## SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN ANNUAL REPORT 2012

#### VISION

The University will advance knowledge and nurture technically grounded leaders to serve vital societal needs of the nation, region, and the world.

#### **MISSION**

The Singapore University of Technology and Design is established in collaboration with MIT to advance knowledge and nurture technically grounded leaders and innovators to serve societal needs. This will be accomplished, with a focus on Design, through an integrated multi-disciplinary curriculum and multi-disciplinary research.

#### **BOARD OF TRUSTEES**

### Mr Philip Ng

Chairman, Board of Trustees Chief Executive Officer Far East Organization

#### Mr Choo Chiau Beng

Chief Executive Officer Keppel Corporation Limited

#### **Mr Patrick Daniel**

Editor-in-chief, English & Malay Newspapers Division Singapore Press Holdings

#### Mr Sam Goi

Executive Chairman Tee Yih Jia Group

#### Ms Low Sin Leng

Executive Chairman
Sembcorp Development Limited

## Mr Ng Cher Pong

Deputy Secretary (Policy) Ministry of Education

#### **Mr Charles Ormiston**

Chairman Southeast Asia Bain and Company

#### Mr Cavinder Bull

Director
Drew and Napier LLC

#### Ms Cordelia Chung

Regional General Manager IBM ASEAN

#### Mrs Fang Ai Lian

Chairman Great Eastern Holdings Limited

#### Mr Philip Jeyaretnam

Managing Partner Rodyk & Davidson LLP

#### **Prof Lui Pao Chuen**

Advisor National Research Foundation

## Mr Ong Peng Tsin

Chairman
Infocomm Investments Private Limited

## Mr Quah Wee Ghee

Chairman, India & Natural Resources Business Groups GIC Private Limited

## Mr Quek Tong Boon

Chief Defence Scientist Ministry of Defence

## **Mr Anthony Sun**

Former Managing General Partner & CEO Venrock Associates

#### Mr Ronny Tan

Chief Country Officer Deutsche Bank Singapore

#### Mr Shafie Shamsuddin

Executive Director, Global Talent Management and Organization Development Carrefour Group

## Mr Tai Lee Siang

Group MD, Architecture Ong&Ong Singapore

#### Mr Leo Yip

Chairman

**Economic Development Board** 

#### **KEY MANAGEMENT**

## **Professor Thomas Magnanti**

President

## **Professor Chong Tow Chong**

Provost

## **Professor Pey Kin Leong**

Associate Provost

## **Dr Sushila Chang**

Registrar & Senior Director, Student Affairs

## **Ms Corinna Choong**

Senior Director, Marketing & Communications

#### Mr Hoong Bee Lok

Senior Director, Campus Development

## **Ms Kwok Wai Ling**

Senior Director, Finance

#### Ms Jaclyn Lee

Senior Director, Human Resources

## **Professor Saif Benjaafar**

Head of Pillar, Engineering Systems and Design

#### **Professor Kristin L. Wood**

Head of Pillar, Engineering Product Development / Co-Director, SUTD-MIT International Design Centre

## **Professor Chris Magee**

Co-Director, SUTD-MIT International Design Centre

## **Professor Dan Frey**

Co-Director, Singapore-MIT International Design Centre

#### Mr Ang Lek Han

Director, Information Technology

## Mr Poon King Wang

Director, Strategic Planning

#### Ms Julie S Sabaratnam

University Librarian, Library

#### Mr Sitoe Yew Kok

Director, Student & Classroom Administration

#### Mr Tai Kian Heng

Director, Admissions

#### Dr Wona Woon Kwona

Director, Research & Industry Collaborations

## Mr Eugene Sng

Deputy Director, Advancement & Development

#### **CORPORATE GOVERNANCE**

#### Policy to manage conflict of interest

All employees of SUTD have the obligation to avoid ethical, legal, financial or other conflicts of interest to ensure that their activities do not conflict with their obligations to the University or its welfare. Procedures are put in place for SUTD employees to disclose the details of any situation where they may find themselves in a position of potential or actual conflict to the management in SUTD.

# SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN AUDITED FINANCIAL STATEMENTS

(For the financial year ended 31 March 2012)

(Company Limited by Guarantee) (Incorporated in Singapore. Registration Number: 200913519C)

## **ANNUAL REPORT**

For the financial year ended 31 March 2012

(Incorporated in Singapore)

## **ANNUAL REPORT**

For the financial year ended 31 March 2012

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#### **REPORT OF THE TRUSTEES**

For the financial year ended 31 March 2012

The Board of Trustees present their report together with the audited financial statements of Singapore University of Technology and Design (hereinafter referred to as "the University") for the financial year ended 31 March 2012.

#### **Trustees**

The Trustees of the University in office at the date of this report are as follows:

Mr Philip Ng Chee Tat

- Chairman

Mr Cavinder Bull

Mr Choo Chiau Beng

Mr Patrick Daniel

Mrs Fang Ai Lian

Mr Sam Goi

Mr Philip Jeyaretnam

Mr Ng Cher Pong

Professor Lui Pao Chuen

Mr Ong Peng Tsin

Mr Charles Ormiston

Mr Quek Tong Boon

Mr Shafie Shamsuddin

Mr Tai Lee Siang

Mr Ronny Tan

Mr Leo Yip

Mr Anthony Sun

Ms Cordelia Chung Ms Low Sin Leng Mr Quah Wee Ghee appointed on 1 June 2011appointed on 1 June 2011appointed on 20 July 2011

## Arrangements to enable trustees to acquire shares and debentures

Neither at the end of nor at any time during the financial year was the University a party to any arrangement whose object was to enable the Trustees of the University to acquire benefits by means of the acquisition of shares in, or debentures of, the University or any other body corporate.

#### Trustees' interests in shares or debentures

The University is a company limited by guarantee and has no share capital or debentures. Therefore, there are no matters to be disclosed under Section 201(6)(f) and (g), Section 201(6A)(g) and (h), Section 201(11) and Section 201(12) of the Companies Act, Cap 50.

#### **REPORT OF THE TRUSTEES**

For the financial year ended 31 March 2012

#### Trustees' contractual benefits

Since the end of the previous financial year, no Trustee has received or become entitled to receive a benefit, which is required to be disclosed under Section 201(8) of the Singapore Companies Act, by reason of a contract made by the University or a related corporation with the Trustee or with a firm of which he is a member, or with a company in which he has a substantial financial interest, except as disclosed in Note 4 to the financial statements.

On behalf of the Trustees

Mr Philip No Chee Tat

Trustee

20 July 2012

Mrs Fang Ai Lian Trustee

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#### STATEMENT BY TRUSTEES

For the financial year ended 31 March 2012

In the opinion of the Trustees,

- (a) the financial statements of the University as set out on pages 5 to 30 are drawn up so as to give a true and fair view of the state of affairs of the University at 31 March 2012 and of the results of the business, changes in funds and reserves and cash flows of the University for the financial year then ended; and
- (b) at the date of this statement, there are reasonable grounds to believe that the University will be able to pay its debts as and when they fall due.

On behalf of the Trustees

Mr Philip Ng Chee Tat

Trustee

20 July 2012

Mrs Fang Ai Lian

Trustee

## INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN

#### Report on the Financial Statements

We have audited the accompanying financial statements of Singapore University of Technology and Design (the "University") set out on pages 5 to 30, which comprise the balance sheet as at 31 March 2012, the statement of comprehensive income, the statement of changes in funds and reserves and the statement of cash flows for the financial year then ended, and a summary of significant accounting policies and other explanatory information.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation of the financial statements that give a true and fair view in accordance with the provisions of the Singapore Companies Act, Chapter 50 (the "Act"), the Singapore Charities Act, Chapter 37 (the "Charities Act") and Singapore Financial Reporting Standards, and for devising and maintaining a system of internal accounting controls sufficient to provide a reasonable assurance that assets are safeguarded against loss from unauthorised use or disposition; and transactions are properly authorised and that they are recorded as necessary to permit the preparation of true and fair of the statement of comprehensive income and balance sheets and to maintain accountability of assets.

#### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Singapore Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Opinion

In our opinion, the financial statements of the University are properly drawn up in accordance with the provisions of the Act, the Charities Act and Singapore Financial Reporting Standards so as to give a true and fair view of the state of affairs of the University as at 31 March 2012, and of the results, changes in funds and reserves and cash flows of the University for the financial year ended on that date.

#### Report on Other Legal and Regulatory Requirements

In our opinion, the accounting and other records required by the Act to be kept by the University have been properly kept in accordance with the provisions of the Act.

During the course of our audit, nothing has come to our attention that causes us to believe that during the year:

- a) The use of the donation moneys was not in accordance with the objectives of the University as required under regulation 16 of the Charities (Institutions of a Public Character) Regulations; and
- b) The University has not complied with the requirements of regulation 15 (Fund-raising expenses) of the Charities (Institutions of a Public Character) Regulations.

PricewaterhouseCoopers LLP

Public Accountants and Certified Public Accountants

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Singapore, 20 July 2012

## STATEMENT OF COMPREHENSIVE INCOME

For the financial year ended 31 March 2012

	Genera	al fund	Non-endowr	nent fund	Endowme	nt fund	To	otal
	2012	2011	2012	2011	2012	2011	2012	2011
Note	\$	\$	\$	\$	\$	\$	\$	\$
	12 516	1 /70	105		955 212		967 022	1,478
	12,310			6 000	055,512	_	•	•
2	22 514		340,302	6,000	-	-	•	6,120
3			240 407		055 040	<u>-</u>		17,508
	36,030	19,106	348,487	6,000	855,312		1,239,829	25,106
4	(19.628.136)	(8.804.090)	_	_	_	_	(19.628.136)	(8,804,090)
•	• • •		_	_	_	_		(8,145,056)
	• • •		_	_	_	_		(3,857,718)
		,	_	_	_	_		(599,773)
11		, ,	_	_	_	_		(41,842)
		` ' '	_	_	_	_		(35,605)
12		, ,	(46 302)	(6,000)	(16 132)	_		(6,500,833)
						_		(27,984,917)
	(03,324,330)	(21,310,311)	(40,302)	(0,000)	(10,132)		(03,300,370)	(27,304,317)
	(63.288.506)	(27.959.811)	302.185	_	839.180	_	(62.147.141)	(27.959.811)
	(00,200,000)	(=:,000,0::)	00=,100		555,155		(,,,	(=:,000,0::)
5	68,935,318	27,959,994	-	-	-	-	68,935,318	27,959,994
	5.646.812	183	302.185	_	839.180	-	6.788.177	183
	3 4 11 12	2012 Note \$  12,516 - 3 23,514 - 36,030  4 (19,628,136) (13,567,181) (9,663,119) (3,758,813) 11 (8,311,265) (282,305) (8,113,717) (63,324,536)  (63,288,506)	Note \$ \$  12,516	Note \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2012       2011       2012       2011         Note       \$       \$       \$       \$         12,516       1,478       105       -         -       120       348,382       6,000         3 23,514       17,508       -       -         36,030       19,106       348,487       6,000         4       (19,628,136)       (8,804,090)       -       -       -         (13,567,181)       (8,145,056)       -       -       -       -         (9,663,119)       (3,857,718)       -       -       -       -         (3,758,813)       (599,773)       -       -       -       -         11       (8,311,265)       (41,842)       -       -       -         12       (282,305)       (35,605)       -       -       -         (8,113,717)       (6,494,833)       (46,302)       (6,000)         (63,288,506)       (27,978,917)       (46,302)       (6,000)         (63,288,506)       (27,959,811)       302,185       -         5       68,935,318       27,959,994       -       -	Note \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12,516	Note \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

## **BALANCE SHEET**

As at 31 March 2012

ASSETS	Note	2012 \$	2011 \$
Current assets Cash and cash equivalents Grants and other receivables Held-to-maturity financial assets	7 8 9	213,814,300 15,455,989 153,724,605	13,704,673 4,241,416
Other current assets	10	32,546,501 415,541,395	41,771,424 59,717,513
Non-current assets			
Grants and other receivable Property, plant and equipment Intangible assets	8 11 12	117,308,534 260,390,364 1,891,469 379,590,367	16,496,839 956,045 17,452,884
Total assets		795,131,762	77,170,397
LIABILITIES Current liabilities Operating grants received in advance	13	22,388,556	30,688,673
Research grants received in advance Other payables	14 15	8,562,237 9,959,366	19,629,037 8,551,620
Borrowings	16	4,179,893 45,090,052	58,869,330
Non-current liabilities	10	440.000.044	
Borrowings Deferred capital grants	16 17	119,823,611 260,034,260	17,452,884
		379,857,871	17,452,884
Total liabilities		424,947,923	76,322,214
NET ASSETS		370,183,839	848,183
FUNDS AND RESERVES Endowment fund Accumulated Surplus	19	363,395,479	848,000
- General fund - Non-endowment fund	18	5,646,995 302,185	183 -
- Endowment fund	19	839,180 370,183,839	848,183
		3. 0, . 30,000	5.5,.00

## STATEMENT OF CHANGES IN FUNDS AND RESERVES

For the financial year ended 31 March 2012

			Accumulated surplus				
	Note	Endowment fund \$	General fund \$	Non- endowment fund \$	Endowment fund \$	Total \$	
2012 Balance as at 1 April 2011		848,000	183	· -	-	848,183	
Total comprehensive income for the year			5,646,812	302,185	839,180	6,788,177	
Government grants and donations received	19	362,547,479	-	-	-	362,547,479	
Balance as at 31 March 2012		363,395,479	5,646,995	302,185	839,180	370,183,839	

			Accumulated surplus				
	Note	Endowment fund \$	General fund \$	Non- endowment fund \$	Endowment fund \$	Total \$	
2011 Balance as at 1 April 2010		-	-	-	-	-	
Total comprehensive income for the year		-	183	-	-	183	
Donations received	19	848,000	-	-	-	848,000	
Balance as at 31 March 2011		848,000	183	-	-	848,183	

## STATEMENT OF CASH FLOWS

For the financial year ended 31 March 2012

	Note	2012 \$	2011 \$
Cash flows from operating activities Deficit before government grants Adjustments for:		(62,147,141)	(27,959,811)
- Depreciation		8,311,265	41,842
- Amortisation		282,305	35,605
- Interest income		(867,933)	(1,478)
Operating cash flow before working capital change		(54,421,504)	(27,883,842)
Change in working capital:			
- Other receivables		219,946	7,069
- Other current assets		9,224,923	(38,413,582)
- Other payables		1,049,665	6,075,411
Net cash flows used in operating activities		(43,926,970)	(60,214,944)
Cash flows from investing activities		(050 740 000)	(4.4.700.450)
Additions to property, plant and equipment		(250,718,300)	
Additions to intangible assets Purchase of held-to-maturity financial assets		(1,217,729) (153,724,605)	(929,779)
Interest received		810,840	- 1,478
Net cash flows used in investing activities		(404,849,794)	(15,648,451)
not buen nowe used in invocaning delivation		(101,010,101)	(10,010,101)
Cash flows from financing activities			
Operating grants received		40,751,625	36,479,444
Debt grants received		1,715,037	-
Research grants received		1,798,389	23,607,160
Development grants received		128,935,809	12,311,254
Proceeds from borrowings		125,396,802	-
Repayment of borrowings		(1,393,298)	-
Interest paid Government grants and donations received for		(1,128,409)	-
Endowment fund		352,810,436	848,000
Net cash flows from financing activities		648,886,391	73,245,858
g			,,
Net increase/(decrease) in cash and cash			
equivalents		200,109,627	(2,617,537)
Cash and cash equivalents at beginning of financial			
year		13,704,673	16,322,210
Cash and cash equivalents at end of financial year	7	213,814,300	13,704,673

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

These notes form an integral part of and should be read in conjunction with the accompanying financial statements.

#### 1. General

Singapore University of Technology and Design (the "University") is incorporated and domiciled in Singapore as a company limited by guarantee under the provisions of the Companies Act, Chapter 50. The address of its registered office is 20 Dover Drive Singapore 138682.

The principal activities of the University are in the advancement and dissemination of knowledge, the promotion of research and scholarships, and the conferring and awarding of degrees.

Under Clause 9 of the Memorandum of Association of the University, each member of the University undertakes to contribute a sum not exceeding \$1 to the assets of the University in the event of it being wound up. The number of members at the balance sheet date is 3 (2011: 3).

#### 2. Significant accounting policies

#### 2.1 Basis of preparation

The financial statements have been prepared in accordance with Singapore Financial Reporting Standards ("FRS"). The financial statements have been prepared under the historical cost convention, except as disclosed in the accounting policies below.

The preparation of these financial statements in conformity with FRS requires management to exercise its judgement in the process of applying the University's accounting policies. It also requires the use of certain critical accounting estimates and assumptions. There are no areas involving a higher degree of judgement or complexity, or areas where estimates and assumptions are significant to the financial statements.

#### Interpretations and amendments to published standards

On 1 April 2011, the University adopted the new or amended FRS and Interpretations to FRS ("INT FRS") that are mandatory for application from that date. Changes to the University's accounting policies have been made as required, in accordance with the transitional provisions in the respective FRS and INT FRS.

The adoption of these new or amended FRS and INT FRS did not result in substantial changes to the University's accounting policies and had no material effect on the amounts reported for the current or prior financial years.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 2. Significant accounting policies (continued)

#### 2.2 Functional and presentation currency

The financial statements are presented in Singapore Dollar which is the functional currency of the University.

Transactions in a currency other than Singapore Dollar ("foreign currency") are translated into Singapore Dollar using the exchange rates prevailing at the dates of the transactions. Currency translation differences resulting from the settlement of such transactions and from the translation of monetary assets and liabilities denominated in foreign currencies at the closing rates at the balance sheet date are recognised in income and expenditure.

#### 2.3 Funds

#### (a) General fund

Income and expenditure are accounted for under the general fund in the income and expenditure unless they relate to funds for specific purposes. The use of these reserves is subject to the approval of the Board of Trustees.

#### (b) Non-endowment fund

The fund is created from donations and sponsorships from individuals and external bodies for specific purposes. Donations and sponsorships received are taken directly to income and expenditure.

The income and expenditure relating to the fund are accounted for under nonendowment fund in income and expenditure.

#### (c) Endowment fund

Donations and government grants, which are kept intact as capital, are directly taken to the fund in the year in which such donations and government grants are granted.

Income and expenditure arising from the management of the endowment fund are accounted for under endowment fund in income and expenditure.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 2. Significant accounting policies (continued)

#### 2.4 Revenue recognition

Revenue comprises the fair value of the consideration received or receivable for the rendering of services, net of goods and services tax in the ordinary course of the University's activities. Revenue is recognised as follows:

#### (a) Interest income

Interest income is recognised on a time proportion basis using the effective interest method.

#### (b) Donations and sponsorships

Donations and sponsorships are recognised in the financial year they are received.

#### (c) Other Income

Revenue from other fees are recognised in the period in which the services are rendered.

#### 2.5 Grants received

Government grants received or receivable for the purchase of property, plant and equipment and intangible assets are taken to the grants received in advance account. Upon utilisation of the grants for the purchase of assets, they are taken to the deferred capital grants account for the assets which are capitalised, or to income and expenditure for the assets which are written off.

Deferred capital grants are recognised in income and expenditure over the periods necessary to match the depreciation or amortisation of the related assets purchased with the grants. Upon the disposal of the assets, the balance of the related deferred capital grants is recognised in income and expenditure to match the net book value of the assets written off.

Debt grant is recognised when there is reasonable assurance that the University will comply with the government's debt grant framework conditions and that the grants will be received.

Government grants in respect of the current year's operating expenses are recognised in the same year.

Other government grants are recognised as income over the period necessary to match the intended costs. Such grants which are received but not utilised are included in the grants received in advance account.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 2. Significant accounting policies (continued)

#### 2.6 Grants disbursed to Massachusetts Institute of Technology ("MIT")

Grants disbursed in advance are initially taken to the prepayment account. Upon the utilisation of the grant, they are taken to income and expenditure as programme-related or research-related expenses.

Grants disbursed for the MIT endowment fund are taken to the prepayment account and subsequently to income and expenditure as programme-related expenses annually over the endowment period.

Interest income earned from the MIT endowment fund are taken to the prepayment account and subsequently to income and expenditure over the periods necessary to match them with the intended costs.

#### 2.7 <u>Employee compensation</u>

#### (a) Defined contribution plans

The University's contributions to defined contribution plans are recognised as employee compensation expense in income and expenditure in the period during which the related services are rendered.

#### (b) Employee leave entitlement

Employee entitlements to annual leave are recognised when they accrue to employees. A provision is made for the estimated liability for unconsumed leave as a result of services rendered by employees up to the balance sheet date.

#### 2.8 Lessee - Operating lease payments

Rental payments made under operating leases (net of any incentives received from the lessors) are recognised in income and expenditure on a straight-line basis over the period of the lease.

## 2.9 <u>Deferred capital donations</u>

Deferred capital donations are recognised in the statement of comprehensive income as deferred capital grant amortised over the periods necessary to match the depreciation or amortisation of the related donated assets. Upon disposal of the assets, the balance of the related deferred donations is recognised in income and expenditure to match the net book value of the assets written off.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 2. Significant accounting policies (continued)

#### 2.10 Property, plant and equipment

Property, plant and equipment are initially recognised at cost and subsequently carried at cost less accumulated depreciation and accumulated impairment losses. Donated assets are recognised at the valuation determined by an expert on building conservation at the time of receipt of the assets. The cost of an item of property, plant and equipment is recognised as an asset if, and only if, it is probable that future economic benefits associated with the item will flow to the University and the cost of the item can be measured reliably.

The cost of an item of property, plant and equipment includes its purchase price and any cost that is directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management.

The construction-in-progress consists of construction costs and related expenses incurred during the period of construction.

Subsequent expenditure relating to property, plant and equipment that has already been recognised is added to the carrying amount of the asset only when it is probable that future economic benefits associated with the item will flow to the University and the cost of the item can be measured reliably. All other repair and maintenance expenses are recognised in income and expenditure when incurred.

Except for construction-in-progress which are not depreciated, depreciation on other property, plant and equipment is calculated using the straight-line method to allocate their depreciable amounts over their estimated useful lives as follows:

	Estimated Useful lives
Leasehold Land	99 years
Buildings – Interim campus	3 years
Computer systems, communications and laboratory	
equipment	5 years
Personal computers and equipment	3 years
Furniture and fittings	7 years
Audio visual and office equipment	5 years
Motor vehicle	10 years

Property, plant and equipment costing less than \$2,000 each are taken to income and expenditure when purchased.

The residual values, estimated useful lives and depreciation method of property, plant and equipment are reviewed, and adjusted as appropriate, at each balance sheet date. The effects of any revision of the residual values, estimated useful lives and depreciation method are recognised in income and expenditure when the changes arise.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 2. Significant accounting policies (continued)

#### 2.11 <u>Intangible assets</u>

Computer software licences costs

Acquired computer software licences are initially capitalised at cost which includes the purchase price (net of any discounts and rebates) and any other directly attributed cost of preparing the asset for its intended use. Direct expenditure, which enhances or extends the performance of computer software beyond its specifications and which can be reliably measured, is recognised as a capital improvement and added to the original cost of the software. Costs associated with maintaining the computer software are recognised as an expense when incurred.

Capitalised computer software licences are subsequently carried at cost less accumulated amortisation and accumulated impairment losses. These costs are amortised to income and expenditure using the straight-line method over their estimated useful lives of 3 years.

The amortisation period and amortisation method are reviewed at least at each balance sheet date. The effects of any revision of the amortisation period or amortisation method are included in income and expenditure for the financial year in which the changes arise.

#### 2.12 Impairment of non-financial assets

Property, plant and equipment and intangible assets are reviewed for impairment whenever there is any indication that these assets may be impaired.

If the recoverable amount of the asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount. The difference between the carrying amount and recoverable amount is recognised as an impairment loss in income and expenditure.

An impairment loss for an asset is reversed if, and only if, there has been a change in the estimates used to determine the asset's recoverable amount since the last impairment loss was recognised. The carrying amount of this asset is increased to its revised recoverable amount, provided that this amount does not exceed the carrying amount that would have been determined (net of accumulated depreciation and amortisation) had no impairment loss been recognised for the asset in prior years. A reversal of impairment loss for an asset is recognised in income and expenditure.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 2. Significant accounting policies (continued)

#### 2.13 Financial assets

#### (a) Classification

The University classifies its financial assets in the following categories: loans and receivables and held-to-maturity. The classification depends on the nature of the asset and the purpose for which the assets were acquired. Management determines the classification of its financial assets at initial recognition and in the case of assets classified as held-to-maturity, it re-evaluates this designation at each balance sheet date.

#### (i) Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are presented as current assets, except for those expected to be realised later than 12 months after the balance sheet date which are presented as non-current assets. Loans and receivables are presented as "cash and cash equivalents" (Note 7), "grants and other receivables" (Note 8), and "deposits" as under "Other current assets" (Note 10) on the balance sheet.

#### (ii) Held-to-maturity financial assets

Held-to-maturity financial assets, are non-derivative financial assets with fixed or determinable payments and fixed maturities that the Management has the positive intention and ability to hold to maturity. If the University were to sell other than an insignificant amount of held-to-maturity financial assets, the whole category would be tainted and reclassified as available-for-sale. They are presented as non-current assets, except for those maturing within 12 months after the balance sheet date which are presented as current assets.

### (b) Recognition and derecognition

Purchases and sales of financial assets are recognised on trade date - the date on which the University commits to purchase or sell the asset.

Financial assets are derecognised when the rights to receive cash flows from the financial assets have expired or have been transferred and the University has transferred substantially all risks and rewards of ownership. On disposal of a financial asset, the difference between the carrying amount and the sale proceeds is recognised in income and expenditure.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 2. Significant accounting policies (continued)

#### 2.13 Financial assets (continued)

#### (c) Initial measurement

Financial assets are initially recognised at fair value plus transaction costs except for financial assets at fair value through profit or loss, which are recognised at fair value. Transaction costs for financial assets at fair value through profit or loss are recognised immediately as expenses.

#### (d) Subsequent measurement

Loans and receivables and held-to-maturity financial assets are subsequently carried at amortised cost using the effective interest method.

#### (e) Impairment

The University assesses at each balance sheet date whether there is objective evidence that these financial assets are impaired and recognises an allowance for impairment when such evidence exists.

Significant financial difficulties of the debtor, probability that the debtor will enter bankruptcy, and default or significant delay in payments are objective evidence that these financial assets are impaired.

The carrying amount of these assets is reduced through the use of an impairment allowance account which is calculated as the difference between the carrying amount and the present value of estimated future cash flows, discounted at the original effective interest rate.

#### 2.14 Other payables

Other payables represent unpaid liabilities for goods and services provided to the University prior to the end of financial year. They are classified as current liabilities if payment is due within one year or less (or in the normal operating cycle of the business, if longer). If not, they are presented as non-current liabilities.

Other payables are initially recognised at fair value, and subsequently carried at amortised cost using the effective interest method.

#### 2.15 Borrowings

Borrowings are presented as current liabilities unless the University has an unconditional right to defer settlement for at least 12 months after the balance sheet date, in which case they are presented as non-current liabilities.

Borrowings are initially recognised at fair value (net of transaction costs) and subsequently carried at amortised cost. Any difference between the proceeds (net of transaction costs) and the redemption value is recognised in income and expenditure over the period of the borrowings using the effective interest method.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

## 2. Significant accounting policies (continued)

#### 2.16 Cash and cash equivalents

Cash and cash equivalents include cash on hand and deposits with financial institutions which are subject to an insignificant risk of change in value.

#### 2.17 Borrowing costs

Borrowing costs are recognised in statement of income and expenditure using the effective interest method except for those costs that are directly attributable to assets under construction. This includes those costs on borrowings acquired specifically for assets under construction, as well as those in relation to general borrowings used to assets under construction.

The actual borrowing costs incurred during the period up to the issuance of the temporary occupation permit are capitalised in the cost of the asset under construction. Borrowing costs on general borrowings are capitalised by applying a capitalisation rate to construction or development expenditures that are financed by general borrowings.

#### 3. Other income

Other income refers to income received from conference and short course fees.

#### 4. Employee compensation

	2012 \$	2011 \$
Wages and salaries Employer's contribution to Central Provident Fund Other benefits Less: Government grant – Jobs Credit Scheme	18,050,472 1,350,180 227,484	7,946,757 567,626 294,257 (4,550)
	19,628,136	8,804,090

The Jobs Credit Scheme was a cash grant introduced in the Singapore Budget 2009 to help businesses preserve jobs in the economic downturn. The Jobs Credit was paid to eligible employees in calendar year 2010 in two payments and the amount an employer can receive would depend on the fulfilment of the conditions as stated in the scheme.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 4. Employee compensation (continued)

Key management personnel compensation is as follows:

	2012 \$	2011 \$
Wages and salaries Employer's contribution to Central Provident Fund	5,374,952 142,772	3,979,681 165,474
Other benefits	137,141	282,651
	5,654,865	4,427,806

Key management personnel include the President, Provost, Associate Provost, Head of Pillars and key administrative Directors.

#### 5. Government grants

	2012 \$	2011 \$
Operating grants (Note 13)	47,332,438	23,151,380
Research grants utilised (Note 14)	12,053,316	4,295,600
Development grants utilised (Note 8)	965,493	435,567
Deferred capital grants amortised (Note 17)	8,584,071	77,447
, ,	68,935,318	27,959,994

#### 6. Income taxes

The University obtained Charity and Institution of Public Character ("IPC") status on 21 July 2009 under the Charities Act and Charities (Institutions of a Public Character) Regulations 2007. With effect from the Year of Assessment 2008, all registered charities will enjoy automatic income tax exemption. The University is exempted from filing income tax returns.

#### 7. Cash and cash equivalents

	2012 \$	2011 \$
Cash at bank and on hand	12,314,300	2,704,673
Short-term bank deposits	201,500,000	11,000,000
	<u>213,814,300</u>	13,704,673

The short-term bank deposits at balance sheet date have a maturity of 1 month (2011: 1 to 3 months) from the end of the financial year and have a weighted average effective interest rate of 0.15% (2011: 0.218%) per annum.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 8. Grants and other receivables

	O company)	2012 \$	2011 \$
	Current Development grants receivable (Note (i)) Debt grant receivable (Note (ii)) Matching endowment grant receivable Other receivable Interest receivable	1,507,054 4,116,089 9,737,043 38,103 57,700 15,455,989	3,982,760 - - 258,049 607 4,241,416
	Non-current Debt grant receivable (Note (ii))	117,308,534	-
	Total grants and other receivables	132,764,523	4,241,416
(i)	Movement in development grants receivable		
	Balance as at 1 April Development grants received during the year Development grants transferred to deferred capital	3,982,760 (128,935,809)	412,356 (12,311,254)
	grants (Note 17)  Development grants transferred to statement of	125,494,610	15,446,091
	comprehensive income (Note 5) Balance as at 31 March	965,493 1,507,054	435,567 3,982,760
(ii)	Movement in debt grant receivable	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,
	Balance as at 1 April Debt grant received during the year Debt grant transferred to deferred capital grants	- (1,715,037)	-
	(Note 17) Balance as at 31 March	123,139,660 121,424,623	<u>-</u>
	Current Non-current	4,116,089 117,308,534 121,424,623	- - -

The debt grant receivable relates to funding from Ministry of Education ("MOE") to finance the land premium of the East Coast Campus that falls under the debt-grant framework initiated by the Government, which earns additional grants to match the interest charges incurred on the related bank borrowings.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

## 9. Held-to-maturity financial assets

	2012 \$	2011 \$
Treasury bills	153,724,605	-

The carrying amounts of the treasury bills approximate their fair values as these are short term bills which are due to mature between 1 to 2 months from the balance sheet date.

#### 10. Other current assets

	2012 \$	2011 \$
Prepayments – Education Component Prepayments – Research Component Prepayment – Others Deposits	22,606,733 9,226,318 572,635 140,815 32,546,501	27,019,418 14,527,361 100,238 124,407 41,771,424

Prepayments comprise primarily of advance payments made to the Massachusetts Institute of Technology ("MIT") in accordance with the SUTD-MIT Collaboration Agreement for education and research purposes (Note 20b).

## **NOTES TO THE FINANCIAL STATEMENTS**

For the financial year ended 31 March 2012

## 11. Property, plant and equipment

2012	Construction- in-progress \$	Leasehold land	Buildings \$	Computer systems, communications and laboratory equipment	Personal computers and equipment	Furniture and <u>fittings</u> \$	Audio visual and office <u>equipment</u> \$	Motor Vehicle \$	Total \$
Cost Balance as at 1 April 2011 Additions Transfers	16,089,475 38,082,799 (23,212,740)	208,994,600 -	23,212,740	134,139 2,930,361 -	53,196 63,982	241,642 790,581	28,854 1,133,467	209,000	16,547,306 252,204,790 -
Balance as at 31 March 2012	30,959,534	208,994,600	23,212,740	3,064,500	117,178	1,032,223	1,162,321	209,000	268,752,096
Accumulated depreciation Balance as at 1 April 2011 Depreciation charge Balance as at 31 March 2012	-	879,607 879,607	7,092,782 7,092,782	26,449 156,949 183,398	11,684 22,493 34,177	3,679 94,705 98,384	8,655 47,314 55,969	17,415 17,415	50,467 8,311,265 8,361,732
Net book value Balance as at 31 March 2012	30,959,534	208,114,993	16,119,958	2,881,102	83,001	933,839	1,106,352	191,585	260,390,364
2011									
Cost Balance as at 1 April 2010 Additions	- 16,089,475	- -	-	71,326 62,813	3,536 49,660	3,745 237,897	28,854	- -	107,461 16,439,845
Balance as at 31 March 2011	16,089,475	-	-	134,139	53,196	241,642	28,854	-	16,547,306
Accumulated depreciation Balance as at 1 April 2010 Depreciation charge Balance as at 31 March 2011		- - -	- - -	5,134 21,315 26,449	294 11,390 11,684	312 3,367 3,679	2,885 5,770 8,655	- - -	8,625 41,842 50,467
<i>Net book value</i> Balance as at 31 March 2011	16,089,475	-	_	107,690	41,512	237,963	20,199	_	16,496,839

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

## 12. Intangible assets

	2012 \$	2011 \$
Computer software licenses costs	•	•
Cost Balance as at 1 April	993,116	63,337
Additions	1,217,729	929,779
Balance as at 31 March	2,210,845	993,116
Accumulated amortisation		4 400
Balance as at 1 April	37,071	1,466
Amortisation	<u>282,305</u>	35,605
Balance as at 31 March	319,376	37,071
Net book value	1,891,469	956.045

## 13. Operating grants received in advance

	2012 \$	2011 \$
Balance as at 1 April Operating grants received	30,688,673 40,751,625	17,423,525 36,479,444
Operating grants transferred to deferred capital grants (Note 17)  Operating grants transferred to statement of	(1,719,304)	(62,916)
comprehensive income (Note 5) Balance as at 31 March	(47,332,438) 22,388,556	(23,151,380) 30,688,673

These are grants received from the Ministry of Education ("MOE") for the University's operations. The balance in this account represents grants received in advance but not recognised as income at the end of the financial year.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 14. Research grants received in advance

	2012 \$	2011 \$
Balance as at 1 April Research grants received during the year	19,629,037 1,798,389	458,399 23,607,160
Research grants transferred to deferred capital grants (Note 17)	(811,873)	(140,922)
Research grant transferred to statement of comprehensive income (Note 5) Balance as at 31 March	(12,053,316) 8,562,237	(4,295,600) 19,629,037

These are grants received from MOE, statutory boards and other external organizations for research activities. The balance in this account represents grants received in advance for approved on-going projects but not utilised at the end of the financial year.

#### 15. Other payables

	2012 \$	2011 \$
Other creditors Accrual for	2,933,273	5,399,480
<ul><li>Operating expenses</li><li>Capital expenditure</li></ul>	6,294,030 732,063 9,959,366	2,836,121 316,019 8,551,620
	3,939,300	0,001,020

## 16. Borrowings

Borrowings are presented as current liabilities unless the University has an unconditional right to defer settlement for at least 12 months after the balance sheet date, in which case they are presented as non-current liabilities.

On 18 October 2011, the University drew down a S\$125,396,802 10-year fixed rate unsecured term loan at 2.635% per annum to finance the land premium of the East Coast Campus that falls under the debt-grant framework initiated by the Government. S\$1,393,298 has been repaid during the year.

	2012	2011
	\$	\$
Bank borrowings		
Current	4,179,893	-
Non-current	119,823,611	-
	124,003,504	-

As at 31 March 2012, the fair value of the borrowing is \$122,805,187 (2011: \$Nil). The fair value is determined from the cash flow analysis, discounted at market borrowing rates of 2.81% (2011: Nil%) per annum, which management expects to be available to the University.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

## 17. Deferred capital grants

	2012 \$	2011 \$
Balance as at 1 April	17,452,884	160,707
Deferred capital donation received during the year	-	1,719,695
Transferred from development grants receivable (Note 8)	125,494,610	15,446,091
Transferred from debt grant (land premium) receivable (Note 8)	123,139,660	_
Transferred from operating grants received in	123,133,000	_
advance (Note 13)	1,719,304	62,916
Transferred from research grants received in advance (Note 14)	811,873	140,922
Amortisation of deferred capital grants (Note 5)	(8,584,071)	(77,447)
Balance as at 31 March	260,034,260	17,452,884

The deferred capital donation received in 2011 refers to the four traditional Chinese architectural structures donated by Mr. Jackie Chan for the University's East Coast Campus.

#### 18. Non-endowment fund

	2012 \$	2011 \$
Non-endowment fund - Accumulated surplus	302,185	-
Represented by: Cash and cash equivalents Other payables	302,185 -	6,000 (6,000)
	302,185	-

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 19. Endowment fund

	2012 \$	2011 \$
Endowment fund	Ψ	Ψ
Capital		
- Government grants	359,737,043	-
- Donations received	3,658,436	848,000
	363,395,479	848,000
Accumulated surplus	839,180	-
	364,234,659	848,000
Represented by:	200 742 457	0.40,000
Cash and cash equivalents	200,743,157	848,000
Grants and other receivables	9,771,820	-
Held-to-maturity financial assets	153,724,605	-
Other current assets	4,222	-
Other Payables	(9,145)	-
	364,234,659	848,000

Endowment fund comprises donations from external parties and government matching grants. The objectives of this fund include the advancement and dissemination of knowledge, the promotion of research and scholarship.

#### 20. Commitments

#### (a) <u>Lessee - Operating lease commitments</u>

The University leases several properties under non-cancellable operating lease agreements.

The future minimum lease payable under non-cancellable operating leases contracted for at the balance sheet date but not recognised as liabilities are as follows:

	<b>2012</b> \$	2011 \$
Within one year	4,091,507	130,795
Within 2 to 5 years	1,408,100	29,050
	5,499,607	159,845

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 20. Commitments (continued)

#### (b) Collaboration agreement with Massachusetts Institute of Technology

The University has entered into a collaboration agreement with the Massachusetts Institute of Technology ("MIT") on 25 January 2010 to establish a deep and extensive relationship between MIT and the University for the furtherance of the highest international standards and innovation in education and research. The SUTD-MIT Collaboration Agreement comprises two components: an Education Component and a Research Component.

Under the Education Component, MIT will provide its assistance, advice and sharing of its academic and administrative expertise to help shape the University into a world class educational institution. In addition, MIT will establish an endowment fund for which income generated will be used for the furtherance of the objective of the education component.

The Research Component involves a collaborative effort between MIT and the University to establish and develop the SUTD-MIT International Design Centre, which will be a Centre comprising one primary physical location sited within the University campus and one secondary physical location sited within MIT's campus, for the MIT and University faculty to conduct research and other research related activities in furtherance of the educational and research objectives of the University.

Under the SUTD-MIT Collaboration Agreement, the University is required to make payments relating to the Education Component and Research Component up to March 2017 and March 2020 respectively.

#### (c) Collaboration agreement with Zhejiang University

The University has entered into a collaboration agreement with Zhejiang University (ZJU) on 26 August 2010 with the intention to develop and offer courses at the University and to jointly undertake research activities and other collaborative activities.

Under the SUTD-ZJU Collaboration Agreement, the University is required to contribute to the collaboration up to August 2016.

#### (d) Capital commitments

Commitments by the University in respect of equipment and construction of facilities, not provided for in the financial statements are as follows:

**2012** 2011 \$

Authorised and contracted for

**378,857,472** 23,130,126

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 21. Related parties transactions

Parties are considered to be related if one party has the ability to control the other party or exercise significant influence over the other party in making financial and operating decisions.

The University receives grants from the Ministry of Education ("MOE") to fund its operations and is subject to certain controls set by MOE and considers MOE a related party. Hence, other government-controlled entities are considered related parties of the University. Other than disclosed elsewhere in the financial statements, the following transactions, that are either individually or collectively significant, took place between the University and related parties during the year.

	2012	2011
	<b>\$</b>	\$
Payment for leasehold land to a related party	208,994,600	-
Rental on operating leases paid to related parties	3,645,664	451,128

#### 22. Financial risk management

Financial risk factors

The University's activities expose it to market risk (including currency risk and interest rate risk), credit risk and liquidity risk.

The Board of Trustees has both Finance and Investment Committees to assist the Board in setting the objectives and underlying principles of financial risk management for the University.

#### (a) Market risk

#### (i) Currency risk

The University's operation is not exposed to significant currency risk as most of its transactions are transacted in Singapore Dollar ("SGD"). The currency risk related to the payment to MIT under the SUTD-MIT Collaboration Agreement is borne by the Ministry of Education ("MOE"). The University's currency exposure to the US Dollar ("USD") is \$1,056,889 (2011: \$280,278) under other payables.

At 31 March 2012, if the USD had strengthened by 5% (2011: 5%) against the SGD with all other variables being held constant, there would be minimal impact on the University's surplus for the financial year as a result of currency translation gains/losses on the USD denominated other payables.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 22. Financial risk management (continued)

#### (a) Market risk (continued)

#### (ii) Interest rate risk

The University has interest-bearing assets in cash and cash equivalents. These financial assets are short-term in nature, therefore, any future variations in interest rates will not have a material impact on the results of the University.

The bank borrowing is a fixed rate term loan and is not exposed to interest rate fluctuations.

#### (b) Liquidity risk

There is minimal liquidity risk as the University maintains an adequate level of highly liquid assets in the form of cash and short-term bank deposits.

The table below analyses the maturity profile of the University's liabilities based on contractual undiscounted cashflows:

	Less than	Between 1	Between 2	Over
	<u>1 year</u>	and 2 years	and 5 years	5 years
	\$	\$	\$	\$
At 31 March 2012				
Other payables	9,959,366	-	-	-
Borrowings	7,392,265	7,291,027	21,235,223	114,608,155
At 31 March 2011				
Other payables	8,551,620	-	-	-

#### (c) Credit risk

Credit risk refers to the risk that a counterparty will default on its contractual obligations resulting in financial loss to the University. The University places its cash and deposits with reputable financial institutions. Investment portfolios are managed by professional fund managers.

The maximum exposure to credit risk in the event that the counterparties fail to perform their obligations in relation to each class of recognised financial asset is the carrying amount of those assets as stated in the balance sheet.

Bank deposits that are neither past due nor impaired are mainly deposits with banks with high credit-ratings assigned by international credit-rating agencies. The University has other receivables but the exposure to credit risk is insignificant.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

#### 22. Financial risk management (continued)

#### (d) Capital risk

The University is limited by guarantee with no share capital and is funded by the grants received from the Ministry of Education. The University is not subject to any externally imposed capital requirements.

#### (e) Fair value measurement

The carrying amount of current grant and other receivables, deposits, held-to-maturity financial assets and other payables approximate their fair value.

#### (f) Financial instruments by category

The carrying amounts of the different categories of financial instruments are as follows:

	2012 \$	2011 \$
Loans and receivables	346,719,638	18,070,496
Held-to-maturity financial assets	153,724,605	-
Financial liabilities at amortised cost	133,962,870	8,551,620

#### 23. Charity Act and Regulation

As required for disclosure under regulation 17 of the Charities (Institutions of a Public Character) Regulations, the University has received total tax deductible donations of \$3,158,818 (2011: \$854,000) in the current financial year.

## 24. New or revised accounting standards and interpretations

Certain new accounting standards, amendments and interpretations to existing standards have been published that are mandatory for accounting periods beginning on or after 1 April 2012. The University does not expect that adoption of these accounting standards or interpretations will have a material impact on the University's financial statements.

#### NOTES TO THE FINANCIAL STATEMENTS

For the financial year ended 31 March 2012

## 25. Authorisation of financial statements

These financial statements were authorised for issue in accordance with a resolution of the Board of Trustees of Singapore University of Technology and Design on 20 July 2012.