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**MINISTRY OF TERTIARY EDUCATION, SCIENCE, RESEARCH AND  
TECHNOLOGY**

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## **PART A: OVERVIEW OF MINISTRY**

### **I. STRATEGIC NOTE**

#### **1. Major Achievements for 2011**

- Gross Tertiary Education Enrolment Ratio (GTER) increased from 43.4% in December 2009 to 45.1% in December 2010.
- Three National Research Chairs established to boost research in the tertiary education sector.
- A framework for Foundation Programmes implemented to allow students who do not have the minimum entrance requirements for tertiary education to progress to degree programmes.
- A framework for Recognition of Prior Learning put in place to facilitate access for those who had to join the world of work after their secondary schooling, but want to now undertake post-secondary studies.
- A “Study Mauritius” Centre set up to provide students with information on tertiary education and career guidance, and assist foreign students in securing visa, accommodation, and occupation and work permits.
- An Intellectual Property Promotion Scheme set up to support applications for the grant of patents and registration of industrial designs.
- A ‘Best Mauritian Scientist Award’ conferred for the first time to recognise the efforts and values of Mauritians in the field of natural and social sciences.
- Caravane de la Science launched in 2010 to popularise science, reached out around 19,000 students and public in general as at September 2011.

#### **2. Main Constraints and Challenges and how they are being addressed**

- There is need to clearly articulate the country’s expectations of the tertiary education sector, and the role of innovation, research, science and technology in economic development.
  - A comprehensive and coherent sector strategic plan is being prepared to chart out a clear vision and propose appropriate policies for tertiary education, research, science and technology.
- There is presently a lack of collaborative arrangements between tertiary education providers and the rest of the economy, which exacerbates mismatches in the labour market.
  - Tertiary education institutions are being encouraged to enter into greater strategic alliances and other forms of partnership with the economic players to ensure that the outputs correspond to the needs of the labour market.

- Absence of a comprehensive system of recognition of prior learning covering the whole sector, as well as a course credit accumulation and transfer system, which limits access and does not facilitate movement of students between courses and institutions.
  - New modes of access and delivery are being looked into to make it easier for learners to build from their knowledge and skills base while enhancing the portability of qualifications.

**3. Strategic  
Direction  
2012-2014**

The Ministry aims at making Mauritius a knowledge society and position the country as a Knowledge Hub, and a Centre of Higher Learning and Excellence to serve both local and regional needs by:

- promoting equitable access to tertiary education;
- promoting distance education and training;
- improving quality of tertiary education and reinforcing quality assurance mechanisms;
- ensuring the long-term financial sustainability of tertiary education and improving governance in tertiary education institutions;
- ensuring that tertiary education policies are in line with the current and future needs of the labour market;
- implementing a comprehensive internationalisation strategy to attract more foreign students and enhance the international comparability of local tertiary education;
- fostering research relevance and excellence, and building links with other research organisations, the private sector and industry; and
- promoting a culture of popularisation of science and technology.

**4. Priority Objectives and Major Services to be provided for 2012- 2014**

**Programme 741: Policy and Management for Tertiary Education, Science, Research and Technology**

- Priority Objectives:
- Formulate policies related to tertiary education, science, research and technology that are fully costed, financed and implemented
- Major Services:
- Policy and management services

**Programme 742: Tertiary Education**

- Priority Objectives:
- Improve access to tertiary education to attain 72% GTER by 2015
  - Improve efficiency in publicly-funded Tertiary Education Institutions
  - Foster research to sustain economic development
  - Promote Mauritius as a Knowledge Hub for the export of educational services

**Ministry of Tertiary Education, Science, Research and Technology – continued**

- Major Services:
- Monitoring of quality of the tertiary education sector
  - Provision of tertiary education in the public sector

**Programme 743: Harnessing Research, Innovation, Science and Technology for National Development**

- Priority Objectives:
- Promote science and technology
  - Promote, pioneer and disseminate research for sustainable development to improve the quality of life of people
- Major Services:
- Dissemination of science and technology among students and the general public
  - Facilitation of research to promote science, technology and innovation

**II. SUMMARY OF FINANCIAL RESOURCES BY PROGRAMMES AND SUB-PROGRAMMES**

Code	Programmes	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
741	Policy and Management for Tertiary Education, Science, Research and Technology	40,594,000	142,876,000	266,763,000	491,982,000
742	Tertiary Education	764,722,000	732,612,000	705,609,000	702,656,000
743	Harnessing Research, Innovation, Science and Technology for National Development	64,724,000	62,424,000	58,959,000	58,993,000
	<b>Total</b>	<b>870,040,000</b>	<b>937,912,000</b>	<b>1,031,331,000</b>	<b>1,253,631,000</b>

**III. SUMMARY OF FUNDED POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES**

Code	Programmes	Total		% Distribution	
		In Post 2011	Funded 2012	2011	2012
741	Policy and Management for Tertiary Education, Science, Research and Technology	27	31	77%	76%
742	Tertiary Education	5	6	14%	15%
743	Harnessing Research, Innovation, Science and Technology for National Development	3	4	9%	10%
	<b>Total</b>	<b>35</b>	<b>41</b>	<b>100%</b>	<b>100%</b>

**PART B: SERVICES TO BE PROVIDED AND PERFORMANCE INFORMATION**

DELIVERY UNITS	SERVICES TO BE PROVIDED	PERFORMANCE				
		Service Standards (Indicators)	2010 Actual	2012 Targets	2013 Targets	2014 Targets
<b>PROGRAMME 741: Policy and Management for Tertiary Education, Science, Research and Technology</b>						
<b>Outcome:</b> Efficient and responsive tertiary education system, and science, research and technology framework.						
Office of the Minister, Office of the Permanent Secretary and Administration	S1: Policy and Management Services	SS1: PBB Strategic Plan in line with guidelines submitted	-	May	May	Apr
		SS2: % of relevant budget measures implemented according to published timetable.	-	100%	100%	100%
		SS3: % of requests acknowledged within 5 working days	-	90%	95%	95%
<b>PROGRAMME 742: Tertiary Education</b>						
<b>Outcome:</b> Wider access to, and improved quality and relevance of, tertiary education to build a knowledge-based economy.						
Tertiary Education Commission	S1: Monitor quality of the Tertiary Education Sector.	SS1: Number of quality audits effected.	50	50	50	50
Tertiary Education Institutions (UoM, UTM, MGI-Tertiary, RTI, MCA/OUM, SDIM, IST, FDI)	S2: Provision of Tertiary Education in the public sector.	SS1: Number of Mauritian students graduating at Bachelor level from local public tertiary education institutions.	2,432	3,000	3,200	3,500
<b>PROGRAMME 743: Harnessing Research, Innovation, Science and Technology for National Development</b>						
<b>Outcome:</b> Enhanced research, innovation, science and technology capabilities for sustainable economic and human development.						
Rajiv Gandhi Science Centre	S1: Dissemination of science and technology among students and the general public.	SS1: Number of participants in outreach activities in science and technology.	1,500	8,000	9,000	9,500
Mauritius Research Council	S2: Facilitation of research to promote science, technology and innovation.	SS1: Number of research outputs developed for potential commercial utilisation.	10	6	6	6

**PART C: INPUTS - FINANCIAL RESOURCES**

**1. SUMMARY BY ECONOMIC CATEGORIES**

Code	Economic Categories	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
21	Compensation of Employees	25,846,000	31,996,000	32,365,000	32,665,000
22	Goods and Services	21,094,000	13,516,000	13,516,000	13,516,000
24	Interest	-	-	-	-
25	Subsidies	-	-	-	-
26	Grants	821,900,000	790,900,000	760,350,000	757,350,000
27	Social Benefits	-	-	-	-
28	Other Expense	-	-	-	-
31	Acquisition of Non-Financial Assets	1,200,000	101,500,000	225,100,000	450,100,000
32	Acquisition of Financial Assets	-	-	-	-
	<b>Total</b>	<b>870,040,000</b>	<b>937,912,000</b>	<b>1,031,331,000</b>	<b>1,253,631,000</b>

**2. SUMMARY FOR YEAR 2012**

Code	Programmes	Rs	Rs	Rs	Rs
		Compensation of Employees [code 21]	Goods and Services [code 22]	Subsidies/ grants [codes 25-28]	Acquisition of Assets [codes 31- 32]
741	Policy and Management for Tertiary Education, Science, Research and Technology	26,060,000	13,516,000	1,800,000	101,500,000
742	Tertiary Education	3,312,000	-	729,300,000	-
743	Harnessing Research, Innovation, Science and Technology for National Development	2,624,000	-	59,800,000	-
	<b>Total</b>	<b>31,996,000</b>	<b>13,516,000</b>	<b>790,900,000</b>	<b>101,500,000</b>

**Programme 741: Policy and Management for Tertiary Education, Science, Research and Technology**

Item No.	Details	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
<b>21</b>	<b>Compensation of Employees</b>	<b>20,000,000</b>	<b>26,060,000</b>	<b>26,347,000</b>	<b>26,566,000</b>
21110	Personal Emoluments	16,825,000	14,835,000	15,222,000	15,441,000
21111	Other Staff Costs	3,175,000	2,925,000	2,825,000	2,825,000
21210	Social Contributions	-	8,300,000	8,300,000	8,300,000
<b>22</b>	<b>Goods and Services</b>	<b>17,594,000</b>	<b>13,516,000</b>	<b>13,516,000</b>	<b>13,516,000</b>
22010	Cost of Utilities	2,755,000	2,200,000	2,200,000	2,200,000
22020	Fuel and Oil	200,000	200,000	200,000	200,000
22030	Rent	7,360,000	8,397,000	8,397,000	8,397,000
22040	Office Equipment and Furniture	2,500,000	400,000	400,000	400,000
22050	Office Expenses	300,000	280,000	280,000	280,000
22060	Maintenance	400,000	260,000	260,000	260,000

**Ministry of Tertiary Education, Science, Research and Technology - continued**

Item No.	Details	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
22090	Security	100,000	-	-	-
22100	Publications and Stationery	1,015,000	765,000	765,000	765,000
22120	Fees	300,000	100,000	100,000	100,000
22900	Other Goods and Services	1,164,000	914,000	914,000	914,000
<b>26</b>	<b>Grants</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>
26210	Current Grant to International	1,800,000	1,800,000	1,800,000	1,800,000
26210071	<i>Contribution to Commonwealth of Learning</i>	<i>1,800,000</i>	<i>1,800,000</i>	<i>1,800,000</i>	<i>1,800,000</i>
<b>31</b>	<b>Acquisition of Non-Financial Assets</b>	<b>1,200,000</b>	<b>101,500,000</b>	<b>225,100,000</b>	<b>450,100,000</b>
31112	Non-Residential Buildings	-	100,000,000	225,000,000	450,000,000
31112037	<i>Construction of New University Parks (HRKAD Fund)</i>	-	<i>100,000,000</i>	<i>225,000,000</i>	<i>450,000,000</i>
31121	Transport Equipment	-	1,300,000	-	-
31121801	<i>Acquisition of vehicles</i>	-	<i>1,300,000</i>	-	-
31122	Other Machinery and Equipment	1,200,000	200,000	100,000	100,000
	<b>Total</b>	<b>40,594,000</b>	<b>142,876,000</b>	<b>266,763,000</b>	<b>491,982,000</b>
<b>Programme 742: Tertiary Education</b>					
<b>21</b>	<b>Compensation of Employees</b>	<b>3,222,000</b>	<b>3,312,000</b>	<b>3,359,000</b>	<b>3,406,000</b>
21110	Personal Emoluments	2,701,000	3,098,000	3,145,000	3,192,000
21111	Other Staff Costs	521,000	214,000	214,000	214,000
<b>22</b>	<b>Goods and Services</b>	<b>1,500,000</b>	-	-	-
22130	Studies and Surveys	1,500,000	-	-	-
22130001	<i>Study on review of Regulatory Framework for Tertiary Education</i>	<i>1,500,000</i>	-	-	-
<b>26</b>	<b>Grants</b>	<b>760,000,000</b>	<b>729,300,000</b>	<b>702,250,000</b>	<b>699,250,000</b>
26313	Extra Budgetary Units	752,500,000	659,000,000	659,000,000	659,000,000
26313088	<i>Current Grant - Tertiary Education Commission/Tertiary Education Institutions</i>	<i>752,500,000</i>	<i>659,000,000</i>	<i>659,000,000</i>	<i>659,000,000</i>
	<i>(a) Tertiary Education Commission</i>	<i>52,000,000</i>	<i>62,000,000</i>	<i>62,000,000</i>	<i>62,000,000</i>
	<i>(b) University of Mauritius</i>	<i>351,900,000</i>	<i>351,900,000</i>	<i>351,900,000</i>	<i>351,900,000</i>
	<i>(c) University of Technology, Mauritius</i>	<i>57,100,000</i>	<i>57,100,000</i>	<i>57,100,000</i>	<i>57,100,000</i>
	<i>of which:</i>				
	<i>(i) Swami Dayanand Institute of Management</i>	<i>24,500,000</i>	<i>24,500,000</i>	<i>24,500,000</i>	<i>24,500,000</i>
	<i>(ii) Institut Superieur de Technologie</i>	<i>27,400,000</i>	<i>27,400,000</i>	<i>27,400,000</i>	<i>27,400,000</i>
	<i>(d) Mahatma Gandhi Institute (Tertiary)</i>	<i>186,100,000</i>	<i>89,700,000</i>	<i>89,700,000</i>	<i>89,700,000</i>
	<i>(e) Rabindranath Tagore Institute</i>	<i>8,000,000</i>	<i>900,000</i>	<i>900,000</i>	<i>900,000</i>
	<i>(f) Mauritius College of the Air/Open University of Mauritius</i>	<i>84,400,000</i>	<i>84,400,000</i>	<i>84,400,000</i>	<i>84,400,000</i>
	<i>(g) Fashion &amp; Design Institute</i>	<i>13,000,000</i>	<i>13,000,000</i>	<i>13,000,000</i>	<i>13,000,000</i>
26323	Extra Budgetary Units	7,500,000	70,300,000	43,250,000	40,250,000
26323088	<i>Capital Grant - Tertiary Education Commission/Tertiary Education Institutions</i>	<i>7,500,000</i>	<i>70,300,000</i>	<i>43,250,000</i>	<i>40,250,000</i>

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**Ministry of Tertiary Education, Science, Research and Technology - continued**

Item No.	Details	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
	(a) Tertiary Education Commission (HRKAD Fund)	-	5,000,000	3,000,000	3,000,000
	(b) University of Mauritius (HRKAD Fund)	-	44,000,000	26,250,000	23,250,000
	(c) University of Technology, Mauritius (HRKAD Fund)	-	6,000,000	5,000,000	5,000,000
	of which:				
	(i) Swami Dayanand Institute of Management (HRKAD Fund)	-	1,000,000	1,000,000	1,000,000
	(ii) Institut Supérieur de Technologie (HRKAD Fund)	-	1,000,000	1,000,000	1,000,000
	(d) Mahatma Gandhi Institute (Tertiary) (HRKAD Fund)	-	7,300,000	2,000,000	2,000,000
	(e) Rabindranath Tagore Institute (HRKAD Fund)	-	500,000	500,000	500,000
	(f) Mauritius College of the Air/Open University of Mauritius	2,500,000	2,500,000	2,500,000	2,500,000
	(g) Fashion & Design Institute	5,000,000	5,000,000	4,000,000	4,000,000
	<b>Total</b>	<b>764,722,000</b>	<b>732,612,000</b>	<b>705,609,000</b>	<b>702,656,000</b>
<b>Programme 743: Harnessing Research, Innovation, Science and Technology for National Development</b>					
<b>21</b>	<b>Compensation of Employees</b>	<b>2,624,000</b>	<b>2,624,000</b>	<b>2,659,000</b>	<b>2,693,000</b>
21110	Personal Emoluments	2,300,000	2,300,000	2,335,000	2,369,000
21111	Other Staff Costs	324,000	324,000	324,000	324,000
<b>22</b>	<b>Goods and Services</b>	<b>2,000,000</b>	-	-	-
22130	Studies & Surveys	2,000,000	-	-	-
22130001	Studies and preliminary projects preparation	2,000,000	-	-	-
	(a) Study on linkages between Research/Innovation and Industry	2,000,000	-	-	-
<b>26</b>	<b>Grants</b>	<b>60,100,000</b>	<b>59,800,000</b>	<b>56,300,000</b>	<b>56,300,000</b>
26313	Extra -Budgetary Units	41,500,000	41,500,000	41,500,000	41,500,000
26313042	Current Grant - Mauritius Research Council	25,000,000	25,000,000	25,000,000	25,000,000
26313077	Current Grant - Rajiv Gandhi Science Centre	16,500,000	16,500,000	16,500,000	16,500,000
26323	Extra-Budgetary Units	18,600,000	18,300,000	14,800,000	14,800,000
26323042	Capital Grant - Mauritius Research Council	12,000,000	15,500,000	12,000,000	12,000,000
	(a) Research Projects	12,000,000	12,000,000	12,000,000	12,000,000
	(b) Acquisition of vehicles	-	3,500,000	-	-
26323077	Capital Grant - Rajiv Gandhi Science Centre	6,600,000	2,800,000	2,800,000	2,800,000
	(a) Repairs of building	3,800,000	-	-	-
	(b) Acquisition of Exhibits & Equipment	2,800,000	2,800,000	2,800,000	2,800,000
	<b>Total</b>	<b>64,724,000</b>	<b>62,424,000</b>	<b>58,959,000</b>	<b>58,993,000</b>

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**PART D: HUMAN RESOURCES**

**STAFFING POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES**

Salary Code	Position Titles	In Post 2011	Funded Positions		
			2012	2013	2014
<b>Programme 741: Policy and Management for Tertiary Education, Science, Research and Technology</b>		<b>27</b>	<b>31</b>	<b>31</b>	<b>31</b>
-	Minister	1	1	1	1
02 00 93	Permanent Secretary	1	1	1	1
02 75 82	Principal Assistant Secretary	1	1	1	1
02 45 67	Assistant Secretary	2	2	2	2
01 54 64	Assistant Manager Financial Operation	-	1	1	1
01 48 59	Senior Financial Operations Officer	1	1	1	1
01 41 55	Financial Operations Officer	1	1	1	1
01 29 49	Assistant Financial Operations Officer	1	1	1	1
21 48 59	Senior Procurement and Supply Officer	1	-	-	-
01 29 55	Internal Control Officer	-	1	1	1
08 34 55	Confidential Secretary	3	3	3	3
08 41 55	Higher Executive Officer	3	3	3	3
08 31 51	Senior Officer	3	3	3	3
08 18 48	Officer	4	4	4	4
08 17 44	Word Processing Operator	2	2	2	2
24 10 30	Office Care Attendant	2	3	3	3
22 10 35	Receptionist/Telephone Operator	-	1	1	1
24 02 21	} General Worker	-	-	-	-
24 02 16					
24 13 36	} Driver	1	2	2	2
24 13 31					

**STAFFING POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES**

Salary Code	Position Titles	In Post 2011	Funded Positions		
			2012	2013	2014
<b>Programme 742: Tertiary Education</b>		<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>
06 00 86	Director	1	1	1	1
06 75 82	Assistant Director	1	1	1	1
06 67 78	Administrator	1	1	1	1
08 31 51	Confidential Secretary	1	1	1	1
08 31 51	Senior Officer	1	1	1	1
08 18 48	Officer	-	1	1	1
<b>Programme 743: Harnessing Research , Innovation, Science and Technology for National Development</b>		<b>3</b>	<b>4</b>	<b>4</b>	<b>4</b>
06 00 88	Director	1	1	1	1
06 69 81	Assistant Director	1	1	1	1
06 65 75	Administrator	1	1	1	1
08 34 55	Confidential Secretary	-	-	-	-
08 18 48	Officer	-	1	1	1
	<b>Total</b>	<b>35</b>	<b>41</b>	<b>41</b>	<b>41</b>