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

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PART A: OVERVIEW OF MINISTRY

STRATEGIC NOTE

1. Major

Achievements for 2012

- The Open University of Mauritius, which took over the functions of the Mauritius College of the Air, set up to increase access to education and lifelong learning through open distance learning mode.
- The *Université des Mascareignes*, which took over the functions of the *Institut Supérieur de Technologie* and the Swami Dayanand Institute of Management, set up.
- Quality assurance enhanced through second cycle audit and a mandatory student charter for all tertiary education institutions.
- Expansion of tertiary education infrastructure with ex-MBC building at Curepipe and renovation of ex-DWC building at Bel Air.
- Student visa and part time work permit for international students introduced.
- First phase of experimental research on wheat cultivation completed with conclusive results.
- Two experimental seaweed farms successfully set up in Mauritius and two in Rodrigues.
- Training on seaweed cultivation techniques dispensed to more than 100 fishermen.
- Outreach activities on research carried out by the Mauritius Research Council in secondary schools covered some 350 students.

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

- According to the UNESCO Institute of Statistics, the number of globally mobile students increased from 2.1 million in 2002 to 3.4 million students in 2009. Mauritius can position itself as an attractive destination for international students.
 - To tap into the increasing flow of international students, the following measures are being implemented:
 - (i) review of the regulatory framework to create an enabling environment for overseas universities to operate in Mauritius;
 - (ii) attract and facilitate overseas universities of international repute to set up branch campuses in Mauritius;
 - (iii) enhance the quality of existing public tertiary education institutions and improve their regional and world ranking;
 - (iv) streamline procedures for student visa and work permits;
 - (v) conduct marketing campaigns with Study Mauritius and Board of Investment; and

- (vi) coordinate with relevant authorities to expand the infrastructure for tertiary education and student accommodation.
- Research in the public sector is carried out by several institutions. There is need for a clear strategic direction, increased coordination and linking research to innovation and national priorities.
 - To address this challenge, the following measures are being taken:
 - (i) review of the Mauritius Research Council Act to widen the mandate of the Council to drive research and innovation;
 - (ii) establish appropriate structure to encourage private participation in research and innovation;
 - (iii) develop a national research and innovation strategy for the next ten years;
 - (iv) ensure international best practice with respect to Government funding of science and technology; and
 - (v) establish a framework for institutional collaboration and for audit of research and innovation performance.

**3. Strategic
Direction 2013-
2015**

- Developing Mauritius into a Knowledge Hub and positioning the country as a Centre of Higher Learning and Excellence to serve both local and regional needs.
- Ensuring equitable access to tertiary education.
- Widening opportunities for tertiary education and lifelong learning through open distance education.
- Strengthening mechanisms for quality assurance.
- Strengthening governance structures and financial management in public tertiary education institutions to ensure financial efficiency.
- Ensuring regular consultations between tertiary education institutions and industry.
- Implementing a comprehensive internationalisation strategy to attract more foreign students and enhance the international comparability of local tertiary education.
- Implementing a national science and technology policy, and increasing enrolment in science and technology.
- Rationalising research with focus on innovation and ensuring optimal use of resources.

4. Priority Objectives and Major Services to be provided for 2013-2015

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

- Priority Objectives:
- Formulate policies related to tertiary education, science, research and technology, and ensure implementation thereof.

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

- Major Services:
- Policy and management services
 - Review of policies, measures and procedures for cost-effective and high quality tertiary education and research.

Programme 742: Tertiary Education

- Priority Objectives:
- Improve access to quality tertiary education.
 - Promote Mauritius as a centre of higher learning to attract more international students.

- Major Services:
- Monitor quality of tertiary education.
 - Provision of tertiary education.

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

- Priority Objectives:
- Promote research and innovation.
 - Promote science and technology for sustainable development.

- 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
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
741	Policy and Management for Tertiary Education, Science, Research and Technology	142,876,000	269,490,000	394,699,000	180,921,000
742	Tertiary Education	732,612,000	714,578,000	715,929,000	723,481,000
743	Harnessing Research, Innovation, Science and Technology for National Development	62,424,000	63,354,000	59,392,000	59,430,000
	Total	937,912,000	1,047,422,000	1,170,020,000	963,832,000

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

Code	Programmes	Total		% Distribution	
		In Post 2012	Funded 2013	2012	2013
741	Policy and Management for Tertiary Education, Science, Research and Technology	27	32	78%	76%
742	Tertiary Education	4	6	11%	14%
743	Harnessing Research, Innovation, Science and Technology for National Development	4	4	11%	10%
	Total	35	42	100%	100%

PART B: SERVICES TO BE PROVIDED AND PERFORMANCE INFORMATION

PROGRAMME 741: Policy and Management for Tertiary Education, Science, Research and Technology						
Outcome: Efficient and responsive tertiary education system, and science, research and technology framework.						
Outcome Indicator			2011 Actual	2013 Target	2015 Target	2022 Target
Ranking of Mauritian Tertiary Education Institution in African region			25	23	20	10
DELIVERY UNITS	SERVICES TO BE PROVIDED	PERFORMANCE				
		Service Standards (Indicators)	2011 Actual	2013 Target	2014 Target	2015 Target
Office of the Minister, Office of the Permanent Secretary and Administration	S1: Policy and Management Services.	SSI: PBB Strategic Plan updated and aligned with ESTP Outcome Framework	June	May	May	May
		SS2: % of relevant budget measures implemented according to published timetable	-	100%	100%	100%
		SS3: % of requests acknowledged within 5 working days	90%	90%	95%	95%
	S2: Review of policies, measures and procedures for cost-effective and high quality tertiary education and research.	SS1: Review legal framework of the Mauritius Research Council to drive research and innovation, and encourage private participation. Review completed and structure for private participation in place (2013), and assessment with proposed revisions if needed (2014)	-	Sept	Sept	-

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

PROGRAMME 742: Tertiary Education						
Outcome: Wider access to, and improved quality and relevance of, tertiary education to build a knowledge-based economy.						
Outcome Indicator			2011 Actual	2013 Target	2015 Target	2022 Target
Gross Tertiary Education Enrolment Rate			45.0%	47.2%	51.5%	72.0%
DELIVERY UNITS	SERVICES TO BE PROVIDED	PERFORMANCE				
		Service Standards (Indicators)	2011 Actual	2013 Target	2014 Target	2015 Target
Tertiary Education Commission	S1: Monitor quality of Tertiary Education.	SS1: Number of quality audits effected.	73	75	77	80
Tertiary Education Institutions (UoM, UTM, MGI-Tertiary, RTI, MCA/OUM, SDIM/IST/UdM, FDI)	S2: Provision of Tertiary Education.	SS1: Number of Mauritian students graduating at Bachelor level from local public tertiary education institutions.	2,840	3,100	3,400	3,700
PROGRAMME 743: Harnessing Research, Innovation, Science and Technology for National Development						
Outcome: Enhanced research, innovation, science and technology capabilities for sustainable economic and human development.						
Outcome Indicator			2011 Actual	2013 Target	2015 Target	2022 Target
National Expenditure on Research and Development as a percentage of GDP			0.4%	0.4%	0.8%	>1.0%
DELIVERY UNITS	SERVICES TO BE PROVIDED	PERFORMANCE				
		Service Standards (Indicators)	2011 Actual	2013 Target	2014 Target	2015 Target
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.	28,300	38,000	48,000	80,000
Mauritius Research Council	S2: Facilitation of research to promote science, technology and innovation.	SS1: Number of research outputs developed for potential commercial utilisation.	10	13	15	17

PART C: INPUTS - FINANCIAL RESOURCES

1. SUMMARY BY ECONOMIC CATEGORIES

Code	Economic Categories	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
21	Compensation of Employees	31,996,000	35,613,000	35,901,000	36,193,000
22	Goods and Services	13,516,000	17,809,000	13,819,000	13,839,000
24	Interest	-	-	-	-
25	Subsidies	-	-	-	-
26	Grants	790,900,000	768,900,000	770,200,000	777,700,000
27	Social Benefits	-	-	-	-
28	Other Expense	-	-	-	-
31	Acquisition of Non-Financial Assets	101,500,000	100,000	100,000	100,000
32	Acquisition of Financial Assets	-	225,000,000	350,000,000	136,000,000
	Total	937,912,000	1,047,422,000	1,170,020,000	963,832,000

2. SUMMARY FOR YEAR 2013

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	28,681,000	13,809,000	1,900,000	225,100,000
742	Tertiary Education	3,878,000	-	710,700,000	-
743	Harnessing Research, Innovation, Science and Technology for National Development	3,054,000	4,000,000	56,300,000	-
	Total	35,613,000	17,809,000	768,900,000	225,100,000

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

Item No.	Details	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
21	Compensation of Employees	26,060,000	28,681,000	28,880,000	29,082,000
21110	Personal Emoluments	14,835,000	19,756,000	19,955,000	20,157,000
21111	Other Staff Costs	2,925,000	2,825,000	2,825,000	2,825,000
21210	Social Contributions	8,300,000	6,100,000	6,100,000	6,100,000
22	Goods and Services	13,516,000	13,809,000	13,819,000	13,839,000
22010	Cost of Utilities	2,200,000	2,250,000	2,250,000	2,250,000
22020	Fuel and Oil	200,000	200,000	200,000	200,000
22030	Rent	8,397,000	7,850,000	7,850,000	7,850,000
22040	Office Equipment and Furniture	400,000	400,000	400,000	400,000

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

Item No.	Details	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
22050	Office Expenses	280,000	280,000	280,000	280,000
22060	Maintenance	260,000	350,000	350,000	350,000
22070	Cleaning Services	-	-	-	-
22090	Security	-	-	-	-
22100	Publications and Stationery	765,000	750,000	750,000	750,000
22120	Fees	100,000	150,000	150,000	150,000
22180	Overseas Travel	-	440,000	450,000	470,000
	(Mission & Capacity Building)				
22900	Other Goods and Services	914,000	1,139,000	1,139,000	1,139,000
26	Grants	1,800,000	1,900,000	1,900,000	1,900,000
26210	Current Grant to International Organisations	1,800,000	1,900,000	1,900,000	1,900,000
26210071	<i>Contribution to Commonwealth of Learning</i>	<i>1,800,000</i>	<i>1,900,000</i>	<i>1,900,000</i>	<i>1,900,000</i>
31	Acquisition of Non-Financial Assets	101,500,000	100,000	100,000	100,000
31112	Non-Residential Buildings	100,000,000	-	-	-
31112037	<i>Construction of New University Park</i>	<i>100,000,000</i>	-	-	-
31121	Transport Equipment	1,300,000	-	-	-
31122	Other Machinery and Equipment	200,000	100,000	100,000	100,000
31122802	<i>Acquisition of IT Equipment</i>	<i>200,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>
31133801	<i>Acquisition of Furniture, Fixtures & Fittings</i>	-	-	-	-
32	Acquisition of Financial Assets	-	225,000,000	350,000,000	136,000,000
32145	Loans (Disbursement)	-	225,000,000	350,000,000	136,000,000
	<i>Loan to Special Purpose Vehicle icw Construction of New University Park</i>	-	<i>225,000,000</i>	<i>350,000,000</i>	<i>136,000,000</i>
	Total	142,876,000	269,490,000	394,699,000	180,921,000
Programme 742: Tertiary Education					
21	Compensation of Employees	3,312,000	3,878,000	3,929,000	3,981,000
21110	Personal Emoluments	3,098,000	3,504,000	3,555,000	3,607,000
21111	Other Staff Costs	214,000	324,000	324,000	324,000
21210	Social Contributions	-	50,000	50,000	50,000
22	Goods and Services	-	-	-	-

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

Item No.	Details	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
26	Grants	729,300,000	710,700,000	712,000,000	719,500,000
26313	Current Grant to Extra Budgetary Units	659,000,000	663,700,000	668,000,000	675,500,000
26313088	<i>Tertiary Education Commission/Tertiary Education Institutions</i>	<i>659,000,000</i>	<i>663,700,000</i>	<i>668,000,000</i>	<i>675,500,000</i>
	<i>(a) Tertiary Education Commission</i>	<i>62,000,000</i>	<i>68,500,000</i>	<i>72,800,000</i>	<i>80,300,000</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>5,200,000</i>	<i>5,200,000</i>	<i>5,200,000</i>
	<i>of which:</i>				
	<i>(i) Swami Dayanand Institute of Management</i>	<i>24,500,000</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>(ii) Institut Supérieur de Technologie</i>	<i>27,400,000</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>(d) Université des Mascareignes</i>	<i>-</i>	<i>55,000,000</i>	<i>55,000,000</i>	<i>55,000,000</i>
	<i>(e) Mahatma Gandhi Institute (Tertiary)</i>	<i>89,700,000</i>	<i>87,700,000</i>	<i>87,700,000</i>	<i>87,700,000</i>
	<i>(f) Rabindranath Tagore Institute</i>	<i>900,000</i>	<i>1,000,000</i>	<i>1,000,000</i>	<i>1,000,000</i>
	<i>(g) Mauritius College of the Air</i>	<i>84,400,000</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>(h) Open University of Mauritius</i>	<i>-</i>	<i>81,400,000</i>	<i>81,400,000</i>	<i>81,400,000</i>
	<i>(i) Fashion & Design Institute</i>	<i>13,000,000</i>	<i>13,000,000</i>	<i>13,000,000</i>	<i>13,000,000</i>
26323	Capital Grant to Extra Budgetary Units	70,300,000	47,000,000	44,000,000	44,000,000
26323088	<i>Tertiary Education Commission/Tertiary Education Institutions</i>	<i>70,300,000</i>	<i>47,000,000</i>	<i>44,000,000</i>	<i>44,000,000</i>
	<i>(a) Tertiary Education Commission</i>	<i>5,000,000</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>(b) University of Mauritius</i>	<i>44,000,000</i>	<i>27,000,000</i>	<i>24,000,000</i>	<i>24,000,000</i>
	<i>(c) University of Technology, Mauritius</i>	<i>6,000,000</i>	<i>4,000,000</i>	<i>4,000,000</i>	<i>4,000,000</i>
	<i>of which:</i>				
	<i>(i) Swami Dayanand Institute of Management</i>	<i>1,000,000</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>(ii) Institut Supérieur de Technologie</i>	<i>1,000,000</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>(d) Université des Mascareignes</i>	<i>-</i>	<i>5,000,000</i>	<i>5,000,000</i>	<i>5,000,000</i>
	<i>(e) Mahatma Gandhi Institute (Tertiary)</i>	<i>7,300,000</i>	<i>2,000,000</i>	<i>2,000,000</i>	<i>2,000,000</i>
	<i>(f) Rabindranath Tagore Institute</i>	<i>500,000</i>	<i>500,000</i>	<i>500,000</i>	<i>500,000</i>
	<i>(g) Mauritius College of the Air</i>	<i>2,500,000</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>(h) Open University of Mauritius</i>	<i>-</i>	<i>3,500,000</i>	<i>3,500,000</i>	<i>3,500,000</i>
	<i>(i) Fashion & Design Institute</i>	<i>5,000,000</i>	<i>5,000,000</i>	<i>5,000,000</i>	<i>5,000,000</i>
	Total	732,612,000	714,578,000	715,929,000	723,481,000
Programme 743: Harnessing Research, Innovation, Science and Technology for National Development					
21	Compensation of Employees	2,624,000	3,054,000	3,092,000	3,130,000
21110	Personal Emoluments	2,300,000	2,500,000	2,538,000	2,576,000
21111	Other Staff Costs	324,000	324,000	324,000	324,000
21210	Social Contributions	-	230,000	230,000	230,000

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

Item No.	Details	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
22	Goods and Services	-	4,000,000	-	-
22900	Other Goods and Services	-	4,000,000	-	-
22900903	<i>National Science Week</i>		4,000,000		
26	Grants	59,800,000	56,300,000	56,300,000	56,300,000
26313	Current Grant to Extra Budgetary Units	41,500,000	41,500,000	41,500,000	41,500,000
26313042	<i>Mauritius Research Council</i>	25,000,000	25,000,000	25,000,000	25,000,000
26313077	<i>Rajiv Gandhi Science Centre</i>	16,500,000	16,500,000	16,500,000	16,500,000
26323	Capital Grant to Extra-Budgetary Units	18,300,000	14,800,000	14,800,000	14,800,000
26323042	<i>Mauritius Research Council</i>	15,500,000	12,000,000	12,000,000	12,000,000
	<i>(a) Research Projects</i>	12,000,000	12,000,000	12,000,000	12,000,000
	<i>(b) Acquisition of vehicles</i>	3,500,000	-	-	-
26323077	<i>Rajiv Gandhi Science Centre</i>	2,800,000	2,800,000	2,800,000	2,800,000
	<i>Acquisition of Exhibits & Equipment</i>	2,800,000	2,800,000	2,800,000	2,800,000
	Total	62,424,000	63,354,000	59,392,000	59,430,000

PART D: HUMAN RESOURCES
STAFFING POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES

Salary Code	Position Titles	In Post 2012	Funded Positions		
			2013	2014	2015
Programme 741: Policy and Management for Tertiary Education, Science, Research and Technology		27	32	32	32
-	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
-	Chief Technical Officer (New)	-	-	-	-
-	Project Officer (New)	-	-	-	-
01 54 64	Assistant Manager Financial Operation	1	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	1	1
21 41 55	Procurement and Supply Officer	1	-	-	-
01 29 55	Internal Control Officer	-	1	1	1
08 34 55	Confidential Secretary	2	3	3	3
08 41 55	Higher Executive Officer	1	3	3	3
08 31 51	Senior Officer	3	3	3	3
08 18 48	Officer	4	4	4	4
08 29 49	Executive Officer	1	-	-	-
08 17 44	Word Processing Operator	2	2	2	2
24 10 30	Office Care Attendant	3	3	3	3
22 12 39	Receptionist/Telephone Operator	1	1	1	1
24 02 21	General Worker	-	-	-	-
24 02 16		-	-	-	-
24 13 36	Driver	-	2	2	2
24 13 31		-	-	-	-
Programme 742: Tertiary Education		4	6	6	6
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 34 55	Confidential Secretary	-	1	1	1
08 31 51	Senior Officer	-	1	1	1
08 18 48	Officer	1	1	1	1
Programme 743: Harnessing Research , Innovation, Science and Technology for National Development		4	4	4	4
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 34 55	Confidential Secretary	-	-	-	-
08 18 48	Officer	1	1	1	1
Total		35	42	42	42