



**REPORT OF THE
DIRECTOR OF AUDIT**

**On the Financial Statements
of the Rajiv Gandhi Science Centre Trust Fund
for the year ended 30 June 2018**

NATIONAL AUDIT OFFICE



NATIONAL AUDIT OFFICE

REPORT OF THE DIRECTOR OF AUDIT TO THE BOARD OF THE RAJIV GANDHI SCIENCE CENTRE TRUST FUND

Report on the Audit of the Financial Statements

Qualified Opinion

I have audited the financial statements of the Rajiv Gandhi Science Centre Trust Fund, which comprise the statement of financial position as at 30 June 2018 and the statement of financial performance, statement of changes in net assets/equity, cash flow statement and statement of comparison of budget and actual amounts for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In my opinion, except for the possible effects of the matters described in the Basis for Qualified Opinion section of my report, the accompanying financial statements give a true and fair view of the financial position of the Rajiv Gandhi Science Centre Trust Fund as at 30 June 2018, and of its financial performance and cash flows for the year then ended in accordance with International Public Sector Accounting Standards (IPSAS).

Basis for Qualified Opinion

Property, Plant and Equipment - Rs 109,506,807

The existence and accuracy of the plant, property and equipment could not be ascertained as:

- Important details for identification of assets were missing from the Fixed Asset Register; and a physical survey was not carried out.
- The economic useful life of fully depreciated assets was not reviewed. As at 30 June 2018, 400 assets costing some Rs 46 million, including exhibits, were fully depreciated.

Corresponding Figures

Several corresponding figures in the comparative financial statements were restated. Sufficient appropriate audit evidence could not be obtained as a general ledger and journal vouchers were not kept for the 18-month period ended 30 June 2017. Misstatements in the opening balances may impact on the current period's financial statements.

I conducted my audit in accordance with International Standards of Supreme Audit Institutions (ISSAIs). My responsibilities under those standards are further described in the 'Auditor's Responsibilities for the Audit of the Financial Statements' section of my report. I am independent of the Rajiv Gandhi Science Centre Trust Fund in accordance with the INTOSAI Code of Ethics, together with the ethical requirements that are relevant to my audit of the financial statements in Mauritius, and I have fulfilled my other ethical responsibilities in accordance with these requirements. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my qualified opinion.

Key Audit Matters

Key Audit Matters are those matters that, in my professional judgment, were of most significance in my audit of the financial statements of the current period. These matters were addressed in the context of my audit of the financial statements as a whole, and in forming my opinion thereon, and I do not provide a separate opinion on these matters.

Except for the matters described in the Basis for Qualified Opinion section of my report, I have determined that there are no other key audit matters to communicate in my report.

Other Information

Management is responsible for the other information. The other information comprises the information included in the annual report of the Rajiv Gandhi Science Centre Trust Fund, but does not include the financial statements and my report thereon.

My opinion on the financial statements does not cover the other information and I do not express any form of assurance conclusion thereon.

In connection with my audit of the financial statements, my responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work I have performed, I conclude that there is a material misstatement of this other information, I am required to report that fact. I have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with International Public Sector Accounting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Rajiv Gandhi Science Centre Trust Fund's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management intends to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Rajiv Gandhi Science Centre Trust Fund's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

My objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISSAIs, will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISSAIs, I exercise professional judgement and maintain professional scepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit 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 Rajiv Gandhi Science Centre Trust Fund's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Rajiv Gandhi Science Centre Trust Fund's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause the Rajiv Gandhi Science Centre Trust Fund to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

I also provide those charged with governance with a statement that I have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on my independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, I determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. I describe these matters in my auditor's report unless law or regulation precludes public disclosure about the matter or, when, in extremely rare circumstances, I determine that a matter should not be communicated in my report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

Report on Other Legal and Regulatory Requirements

Management's Responsibilities for Compliance

In addition to the responsibility for the preparation and presentation of the financial statements described above, management is also responsible to ensure that the Rajiv Gandhi Science Centre Trust Fund's operations are conducted in accordance with the provisions of laws and regulations, including compliance with the provisions of laws and regulations that determine the reported amounts and disclosures in an entity's financial statements.

Auditor's Responsibilities

In addition to the responsibility to express an opinion on the financial statements described above, I am also responsible to report to the Board whether:

- (a) I have obtained all the information and explanations which to the best of my knowledge and belief were necessary for the purpose of the audit;
- (b) the Statutory Bodies (Accounts and Audit) Act and any directions of the Minister, in so far as they relate to the accounts, have been complied with;
- (c) in my opinion, and, as far as could be ascertained from my examination of the financial statements submitted to me, any expenditure incurred is of an extravagant or wasteful nature, judged by normal commercial practice and prudence;
- (d) in my opinion, the Rajiv Gandhi Science Centre Trust Fund has been applying its resources and carrying out its operations economically, efficiently and effectively; and
- (e) the provisions of Part V of the Public Procurement Act regarding the bidding process have been complied with.

I performed procedures, including the assessment of the risks of material non-compliance, to obtain audit evidence to discharge the above responsibilities.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my qualified opinion.

Statutory Bodies (Accounts and Audit) Act

I have obtained all information and explanations which to the best of my knowledge and belief were necessary for the purpose of my audit.

As far as it could be ascertained from my examination of the relevant records, no direction relating to the accounts has been issued by the responsible Minister to Rajiv Gandhi Science Centre Trust Fund.

Based on my examination of the records of Rajiv Gandhi Science Centre, nothing has come to my attention that causes me to believe that:

- (a) expenditure incurred was of an extravagant or wasteful nature, judged by normal commercial practice and prudence; and

- (b) the Fund has not applied its resources and carried out its operations economically, efficiently and effectively.

Late Submission of Annual Report

The Annual Report, including the financial statements of Rajiv Gandhi Science Centre Trust Fund for the year ended 30 June 2018, was submitted on 23 December 2021, that is, some 38 months after the statutory deadline. Following audit, the Annual Report including the amended financial statements, was submitted on 10 July 2023.

Except for the late submission of the Annual Report, the Rajiv Gandhi Science Centre Trust Fund has complied with the Statutory Bodies (Accounts and Audit) Act in so far as it relates to the accounts.

Public Procurement Act

In my opinion, the provisions of Part V of the Act have been complied with as far as it could be ascertained from my examination of the relevant records.



DR D. PALIGADU
Director of Audit

National Audit Office
Level 14,
Air Mauritius Centre
PORT LOUIS

18 October 2023

STATEMENT FROM CHAIRPERSON



I am grateful to the Board members for supporting the Rajiv Gandhi Science Centre for providing strategic guidance to achieve its mission of promoting science and technology at all levels. This year the RGSC team has, through its hard work, dedication and drive, achieved success in all its endeavours. RGSC has gained increasing visibility thanks to its high quality, innovative, and contemporary programmes and activities aimed at stimulating interest in STEM. It is striving to become a centre of excellence in the communication and promotion of science and technology through informal education.

Events such as science shows, National Youth Summit, Young Mauritians' Plan for the Planet in collaboration with Questacon and Australian National University sponsored by the Australian High Commission and the Mauritius Commercial Bank, Model Glider Competition, Science Quest, the National Science Week and the Kiddy Science Fair with the support of the Ministry of Education and the Early Childhood Care Education Authority are some of the highlights of 2017-18.

International experts from the UK, Australia, USA, and many other countries are giving their valuable input in the empowerment of the staff and the students. Outreach programmes have brought science and technology to the doorsteps of the Mauritian population.

Major vacancies are being filled and the quality of human resources strengthened further through staff development. Improvements and refurbishments to the building are in the pipeline as more funds become available. Accountability and transparency in the judicious uses of funds are our mottoes in every respect.

Research projects are underway to enable proper planning as envisaged by the Strategic plan 2017-2030 and Research and Development unit is becoming a necessity.

As Chairperson, I wish to convey my sincere thanks to the management and staff of the RGSC, the Ministry of Education and Human Resources, Tertiary Education and Scientific Research, the RGSCTF Board, the sponsors, the students, educators and all those involved for giving their unflinching support and efforts in the mission of the RGSCTF to promote and popularise science. I wish them all the best for the future.

Dr. Jayantee Naugah, FRSB, Cbiol (UK), PDSM
Chairperson, Rajiv Gandhi Science Centre Trust Fund

STATEMENT FROM DIRECTOR



This period under review has been a turning point to improve the productivity of the centre in all spheres of operations with the start of the implementation of the Strategic Plan 2017-2030. This is reflected in the new presentation of this annual report which is prepared based on the six pillars of the strategic plan.

International collaborations have been strengthened with Australia, South Africa and the United States of America through new ventures, namely the Young Mauritian Plan for the Planet, Africa Code Week and Inspiring Scientists programmes.

In-line with the 50th anniversary of the independence of Mauritius, the first National Youth Conference was held during the National Science Week 2018 and the outcome will be a publication of essays on scientific themes written by our secondary school students.

Research in the promotion of science education is an essential aspect of science and technology and in the building of a nation. It is crucial that the Rajiv Gandhi Science Centre (RGSC) start playing an important role in this sector.

The Ministry of Education and Human Resources, Tertiary Education and Scientific Research has been supportive in all our endeavours by approving all our projects, visits to and from schools and the presence of the Honourable Minister Mrs L. D. Dookun-Luchoomun in most of our events in line with the education reform implemented during the same period is an inspiration to our budding scientists.

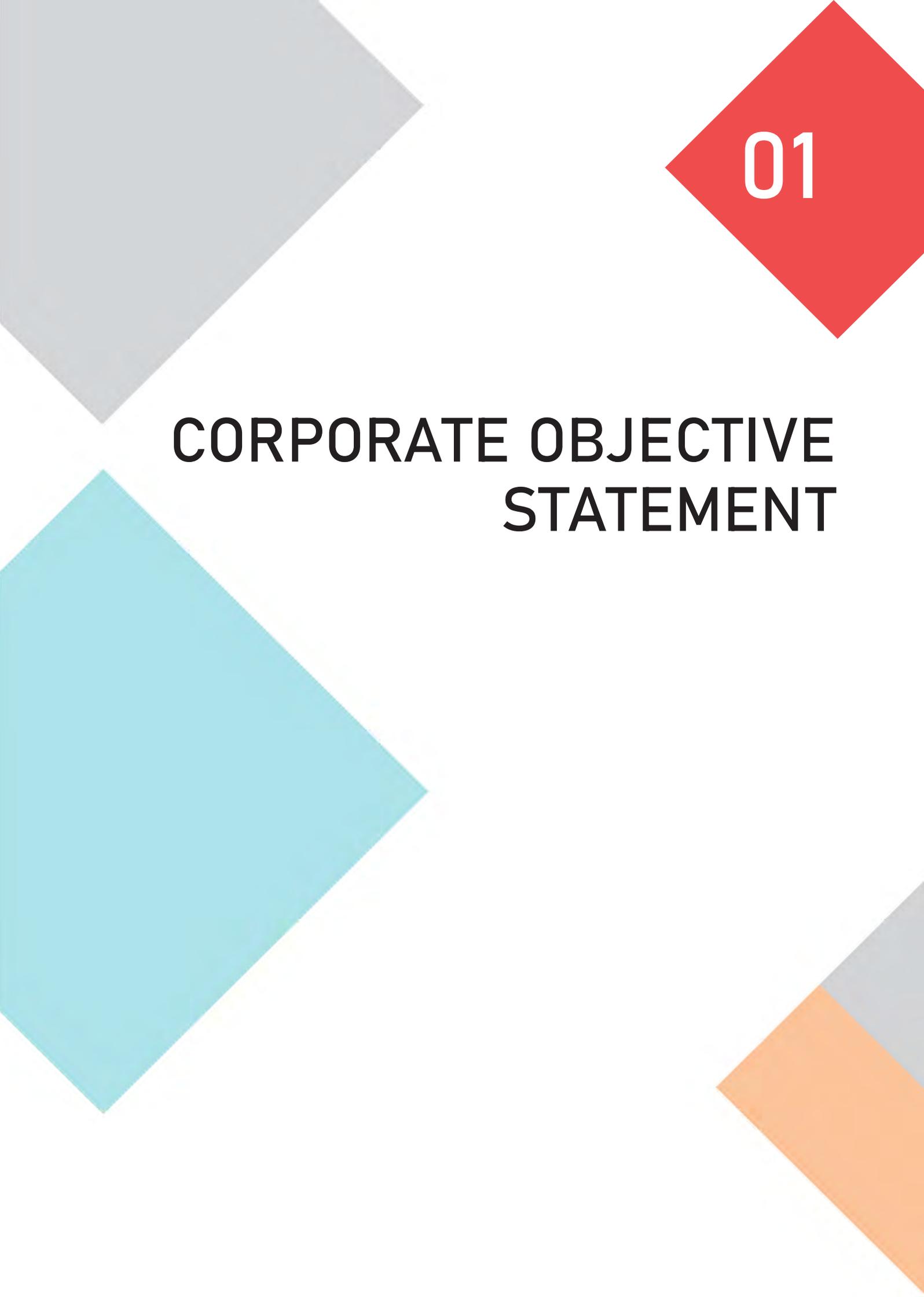
With a view to empower the centre, the priority of the Rajiv Gandhi Science Centre Trust Fund Board (RGCTF) and the Ministry has been to consolidate the human capital to have competent personnel and also to ensure the institution is operating smoothly in line with Good Governance policies.

I wish to thank all our local and international collaborators, and staff of the Rajiv Gandhi Science Centre for supporting us to improve scientific literacy and encourage our youth to embark into science-oriented careers, to ensure the prosperity of our Republic. I am also grateful to our Chairperson and members of the RGCTF Board for their suggestions and support to realise the vision of the centre.

Dr. Aman Kumar Maulloo
Director

TABLE OF CONTENT

1. CORPORATE OBJECTIVE STATEMENT	7
2. CORPORATE GOVERNANCE REPORT	9
3. STAFF	17
4. HUMAN RESOURCE DEVELOPMENT	19
5. GENERAL REVIEW	23
6. STATISTICS	57
7. FINANCIAL STATEMENT	65



01

CORPORATE OBJECTIVE STATEMENT

Our Vision

To be a Centre of excellence in the communication and promotion of Science and Technology.

Our Mission

To serve as a Centre for informal education and popularisation of Science and Technology among the population through various media.

Our Objectives

- Create awareness for Science and Technology.
- Encourage creativity and innovation particularly among young people.
- Supplement education in Science and Technology at all levels.
- Enhance public understanding of Science and Technology.

Core Values

Professionalism - We ensure high standard in our work and services

Best Practices - We value quality and innovation

Teamwork - We encourage team spirit and support to achieve excellence

Timeliness - We are very committed to meet timely targets and always respect deadlines

Commitments

We provide high quality, fun, innovative and contemporary programmes, supported by accurate, easily understood information to entertain and stimulate your interest in Science and Technology. We ensure that you feel welcomed and valued and are treated equally, with courtesy and respect.



02

CORPORATE GOVERNANCE REPORT

The Board of the Rajiv Gandhi Science Centre Trust Fund (RGSCTF) was constituted as follows:

Table 1: Composition of the Rajiv Gandhi Science Centre Trust Fund Board July 2017 to May 2018

	Name	Designation	Composition of the Board of RGSCTF Act
1	Dr. (Mrs) J. Naugah	Consultant on Education (Open University)	Chairperson
2	Dr. A.K. Maulloo	Director	Director of RGSC
3	Mr. M. Varaden Ms. D. Jugroop (Alt)	Deputy Permanent Secretary Assistant Permanent Secretary	Representative of Ministry of Education & Human Resources, Tertiary Education & Scientific Research
4	Mrs. L. Rugjee	Deputy Permanent Secretary	Representative of Ministry of Agro-Industry & Food Security
5	Mrs. T.A. Mudhoo Mrs. V. Appadoo (Alt)	Deputy Permanent Secretary Assistant Permanent Secretary	Representative of Ministry of Industry, Commerce & Consumer Protection
6	Mr. D. Rawoojee Ms. N. Soreefan (Alt)	Assistant Permanent Secretary	Representative of Ministry of Health & Quality of Life
7	Mr. R. Mungra	Director	Representative Metrological Services
8	Mrs. S.B. Mamode Hosmun	Analyst	Representative Ministry of Finance & Economic Development
9	Mrs. M. Ramsurn Bhowon	Assistant Permanent Secretary	Representative of Ministry of Energy & Public Utilities
10	Mrs. D. Sauba	Director (Planning & Budget)	Representative of Ministry of Education & Human Resources, Tertiary Education & Scientific Research
11	Mrs. P. Mooruth	Assistant Permanent Secretary	Representative Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping & Outer Island
12	Mr. S. Maudarbocus	Ag. Deputy Director - Corporate	Representative of MITD
13	Mr. A. K. Shukla	First Secretary	Representative of Indian High Commission
14	Mr. L. Teeluck	Educator, St Esprit College	Appointed Member
15	Mr. A. R. Muhomud	Retired Rector of Secondary School	Appointed Member
16	Mr. S. Ramen	IT Manager	Appointed Member
17	Mr. H. J. Dhoonooah	Educator, Royal College Curepipe	Appointed Member

Table 2: Recomposition of the Rajiv Gandhi Science Centre Trust Fund Board in June 2018

	Name	Designation	Composition of the Board of RGSC TF Act
1	Dr. (Mrs) J. Naugah	Consultant on Education	Chairperson
2	Dr. A.K. Maulloo	Director	Director of RGSC
3	Mr. M. Varaden Ms. D. Jugroop (Alt)	Deputy Permanent Secretary Assistant Permanent Secretary	Representative of Ministry of Education & Human Resources, Tertiary Education & Scientific Research
4	Mrs. C. Jhowry	Deputy Permanent Secretary	Representative of Ministry of Agro-Industry & Food Security
5	Mrs. T.A. Mudhoo Mrs. V. Appadoo (Alt)	Deputy Permanent Secretary Assistant Permanent Secretary	Representative of Ministry of Industry, Commerce & Consumer Protection
6	Mr. R. Nursing Ms. N. Soreefan (Alt)	Deputy Permanent Secretary Assistant Permanent Secretary	Representative of Ministry of Health & Quality of Life
7	Mr. B.M. Heetun	Deputy Director	Representative Meteorological Services
8	Mrs. S.B. Mamode Hosmun	Analyst	Representative Ministry of Finance & Economic Development
9	Mrs. M. Ramsurn Bhowon	Assistant Permanent Secretary	Representative of Ministry of Energy & Public Utilities
10	Mrs. D. Sauba	Director (Zone 1)	Representative of Ministry of Education & Human Resources, Tertiary Education & Scientific Research
11	Ms. M.J.S. Valere	Deputy Permanent Secretary	Representative Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping & Outer Island
12	Mr. S. Maudarbocus	Ag. Deputy Director - Corporate	Representative of MITD
13	Mr. A. K. Shukla	First Secretary	Representative of Indian High Commission
14	Mr. L. Teeluck	Deputy Rector, St Esprit College	Appointed Member
15	Mr. A. R. Muhomud	Retired Rector of Secondary School	Appointed Member
16	Mr. R. Hawabhay	Chief Technical Officer, Ministry of Technology, Communication and Innovation	Appointed Member
17	Mr. H. J. Dhoonoah	Educator, Royal College Curepipe	Appointed Member

During the year July 2017 – June 2018, the Board met on **FIVE** occasions.

The following Board Committees have been established by the Rajiv Gandhi Science Centre Trust Fund Board to examine in-depth specific matters:

- Finance Committee
- Staff Committee
- Technical Committee
- Sub- Committees as and when required

Finance Committee

The Finance Committee considers and makes recommendations to the Board on matters relating to the following:-

- Examination of the Recurrent and Capital Budget and Financial Statements of the Centre
- Examination of the procurement processes in respect of bids whose values exceed Rs 100,000 for the award of contract
- Recommendation for approval of the Board expenditures exceeding Rs 100,000

During the year July 2017 – June 2018, the Finance Committee met on **TWO** occasions.

The composition of the Finance Committee was as follows:

Table 3: Composition of the Finance Committee of RGSC TF Board from July 2017 to May 2018

	Name	Composition
1	Ms. S.B Mamode Hosmun	Representative of Ministry of Finance & Economic Development as Chairperson
2	Mrs. D. Sauba	Representative of Ministry of Education & Human Resources, Tertiary Education and Scientific Research as member
3	Mr. S. Maudarbocus	Representative of MITD as Member
4	Mr. M. Ramrekha	Co-opted member, Finance Section, MOEHR SR
5	Dr. A.K. Maulloo	Director, Rajiv Gandhi Science Centre

Table 4: Recomposition of the Finance Committee of RGCTF Board in June 2018

	Name	Composition
1	Ms. S.B Mamode Hosmun	Representative of Ministry of Finance & Economic Development as Chairperson
2	Mrs. D. Sauba	Representative of Ministry of Education & Human Resources, Tertiary Education and Scientific Research
3	Mr. S. Maudarbocus	Representative of MITD as Member
4	Mr. R. Hawabhay	Representative of Ministry of Technology, Communication & Innovation as Member
5	Mr. R. Nursing Ms N. Soreefan (Alt)	Representative of Ministry of Health & Quality of life as Member
6	Mr. M. Ramrekha	Co-opted member, Finance Section, MOEHRSR
7	Dr. A.K. Maulloo	Director, Rajiv Gandhi Science Centre

Staff Committee

During the period under review, the Staff Committee did not meet. The composition of the Staff Committee was as follows:

Table 5: Composition of the Staff Committee of RGCTF Board from July 2017 to May 2018

	Name	Composition
1	Mr. M. Varaden	Representative of Ministry of Education & Human Resources, Tertiary Education & Scientific Research as Chairperson
2	Mr. R. Mungra	Representative Meteorological Services as Member
3	Mr. P. Ramkhelawon	Co-opted member, Human Resource Section, MOEHRSR
4	Dr. A.K. Maulloo	Director, Rajiv Gandhi Science Centre

Table 6: Recomposition of the Staff Committee of RGSCF Board in June 2018

	Name	Composition
1	Mr. M. Varaden	Representative of Ministry of Education & Human Resources, Tertiary Education & Scientific Research as Chairperson
2	Mrs. C. Jhowry	Representative of Ministry of Agro-Industry & Food Security as Member
3	Mrs. M. Ramsurn Bhowon	Representative of Ministry of Energy & Public Utilities as Member
4	Mrs. S. Valere	Representative of Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping & Outer Island as Member
5	Mr. A.R. Muhomud	Member
6	Mr. P. Ramkhelawon	Co-opted member, Human Resource Section, MOEHRSR
7	Dr. A.K. Maulloo	Director, Rajiv Gandhi Science Centre

Table 7: Composition of the Technical Committee of the RGSCF Board (2017/2018)

	Name	Composition
1	Mr. M. Varaden	Deputy Permanent Secretary, Ministry of Education & Human Resources, Tertiary Education & Scientific Research as Chairperson
2	Mr. R. Hawabhay	Member
3	Mr. H.J. Dhoonooah	Member
4	Mr. L. Teeluck	Member
5	Mr. A. K. Shukla	Representative of Indian High Commission as co-opt Members as and when requires
6	Dr. A.K. Maulloo	Director, Rajiv Gandhi Science Centre

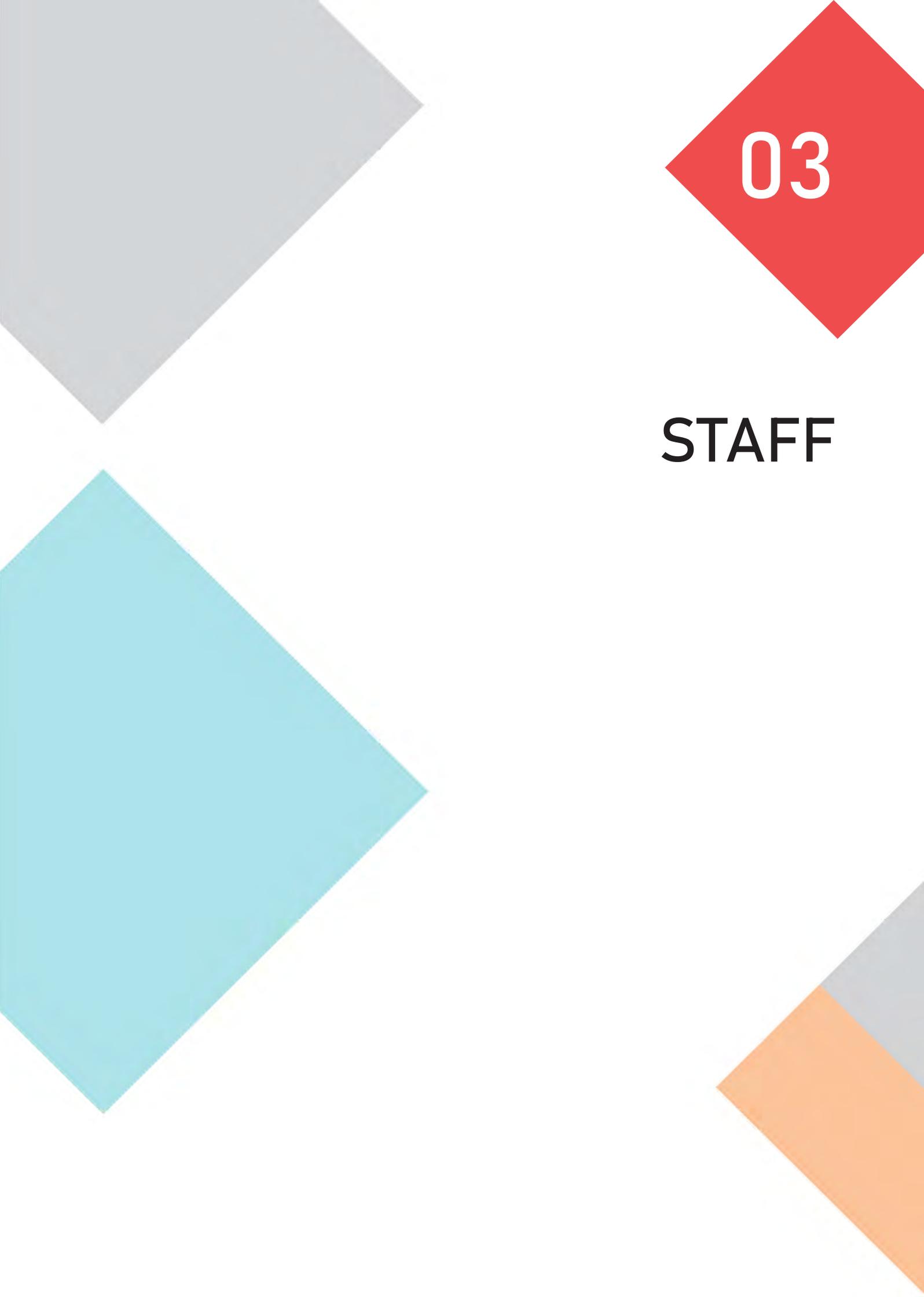
Table 8: Attendance and Remuneration of Board Members for the year 2017/2018

Board Member	Board Meeting(including Special Board Meetings)	Board Committee				
		FC	SC	Sub-C	IC	TC
No. of Meeting	5	2	0	7	8	0
Dr. (Mrs) J. Naugah	5	-	-	-	-	-
Mr. M. Varaden	2	-	-	-	7	-
Mrs. C. Jhowry	4	-	-	-	-	-
Mrs. T.A. Mudhoo	3	-	-	-	-	-
Mr. R. Nursing	-	-	-	-	-	-
Mr. B.M. Heetun	3	-	-	-	-	-
Ms. S.B. Mamode Hosmun	2	2	-	7	-	-
Mrs. M. Ramsurn Bhowon	5	-	-	-	1	-
Mrs. D. Sauba	3	-	-	-	-	-
Ms. M.J.S. Valere	1	-	-	-	-	-
Mr. S. Maudarbocus	4	2	-	-	-	-
Mr. A. K. Shukla	-	-	-	-	-	-
Mr. L. Teeluck	3	-	-	-	-	-
Mr. A.R. Muhomud	4	-	-	-	-	-
Mr. R. Hawabhay	-	-	-	-	-	-
Mr. H.J. Dhoonooah	1	-	-	-	-	-
Mrs. L. Rugjee	-	-	-	-	-	-
Mr. D. Rawoojee	-	-	-	-	-	-
Mr. R. Mungra	1	-	-	-	-	-
Mrs. P. Mooruth	-	-	-	-	-	-
Mr. S. Ramen	-	-	-	-	-	-
Mr. P. Sadien (co-opt)	-	-	-	-	-	-
Mr. M. Ramkhelawon (co-opt)	-	-	-	-	4	-
Mr. Ramrekha (co-opt)	-	2	-	-	-	-
Ms. N. Soreefan (Alt)	3	-	-	-	-	-
Mr. M.Z. Madarbocus	1	-	-	-	-	-
Mr. K.D. Dewal	1	-	-	-	-	-
Ms. D. Jugroop (Alt)	1	-	-	-	-	-
Ms. S. Puttur (Alt)	1	-	-	-	7	-
Mr. A.N. Jurawon (Alt)	1	-	-	-	-	-
Mrs. V. Appadoo (Alt)	2	-	-	-	-	-
Mr. M. Bhukory	-	-	-	-	1	-
Mr. R. Mungra	-	-	-	-	1	-
Mr. A. Luchmiah	-	-	-	-	1	-
Mr. D. Mauree	-	-	-	-	1	-
Mr. M.K. Mosaheb	-	-	-	-	1	-

FC: Financial Committee SC: Staff Committee Sub-C: Sub-Committee TC: Technical Committee

Table 9: List of Senior Management Team at the Rajiv Gandhi Science Centre

	Name	Designation	Profile
1	Dr. Aman Kumar Maulloo	Director	BSc (Hons) Mathematics MSc Operational Research PhD Operational Research
2	Mr. Dayachand Balgobin	Manager/ Curator Mechanical Engineering	B(Eng) Mechanical Engineering M(Eng) Mechanical Engineering
3	Mr. Sookdeo Rungoo	Manager/ Curator Education	BSc (Hons) Physics & MSc in Physics
4	Mr. Prakash Jhugaroo	Manager Graphics & Exhibition	BFA (Applied Arts) Master of Business Administration
5	Mr. Hemraj Ramsurrun	Manager/ Curator Electrical/ Electronic/ IT	B.Eng (Hons) Electrical & Electronic Engineering MSc Information & Communication Technology



03

STAFF

Table 10: Staff on establishment of the RGSC (2017/2018)

	Name of Officer	Designation
1	Dr. Maulloo Aman Kumar	Director
2	Mr. Balgobin Dayachand	Manager/Curator (Mechanical Engineering)
3	Mr. Rungoo Sookdeo	Manager/Curator (Education)
4	Mr. Jhugaroo Prakash	Manager(Graphics and Exhibition)
5	Mr. Ramsurrun Hemraj	Manager/Curator(Electrical/Electronics/IT)
6	Mrs. Kamudu Applasawmy Bhamini	Resource Officer/ Senior Resource Officer
7	Mr. Li Kim Khiook Ian	Resource Officer/ Senior Resource Officer
8	Mrs. Mootoosamy Poomala	Administrative Officer
9	Mrs. Ghoorahoo Raginee	Financial Officer
10	Mrs. Sunnassee Anuradha	Confidential Secretary
11	Mrs. Soomarchun Anousha Preeya	Clerk/Word Processing Operator, Ag. Assistant Procurement and Supply Officer
12	Mrs. Lallmahamood Bibi Shabnaaz	Clerk/Word Processing Operator
13	Mr. Ramful Vedanand	Driver/Handy Worker
14	Mr. Boodhun Kenchand	Driver/Handy Worker
15	Mr. Nurai Vikash	Tradesman/Senior Tradesman
16	Mr. Busiah Laviswarao	Tradesman/Senior Tradesman
17	Mr. Chutooree Vishall	Electrician
18	Mr. Sookeeah Nundev	Painter
19	Mr. David Elise Didier	Welder
20	Mr. Auckloo Dharamduth	Fitter
21	Mr. Mohung Rayazouddin	Office Attendant
22	Mr. Ramsaran Gineshwar	Handy Worker
23	Mr. Ramsohok Satianand	Gardener
24	Mr. Bissoonee Preetam	Gardener
25	Mr. Gooroochurn Samduth	Gardener



04

HUMAN RESOURCE DEVELOPMENT

List of Training/Workshops attended by RGSC staff during the year 2017

Table 11: List of Local Training/Workshops attended by RGSC staff during the year July 2017 to June 2018

DATE	ORGANISATION	COURSE/WORKSHOP/TRAINING	OFFICER
15 & 16 August 2017	Ministry of Labour, Industrial Relations, Employment and Training	Seminar on Occupational Safety & Health	Mr D. Balgobin, Manager/ Curator(Mechanical Engineering)
23 & 24 August 2017	Civil Service College Mauritius	Workshop on Inclusive Leadership	Dr. Aman Kumar Maulloo (Director)
21 September 2017	University of Mauritius	Open Source Seminar	Mr P. Jhugaroo, Manager (Graphics & Exhibition)
26 & 27 September 2017	NPCC	Workshop on Second Competitiveness Foresight Exercise	Dr. Aman Kumar Maulloo (Director)
30 September 2017	UNESCO	Youth Mobile Training	Mr. S. Rungoo, Manager/ Curator Education
08-09 November 2017	Open University of Mauritius	International Conference Global Trend in Management, IT & Governance in an e-World	Dr. Aman Kumar Maulloo (Director)
Jan 2018 intake	MITD	NC Level 2 Landscape Maintenance	Mr. S. Ramsohok, Gardener
6 March 2018	Ministry of Technology, Communication & Innovation	Workshop on Data Protection Act 2017	Dr. Aman Kumar Maulloo (Director)

Table 12: List of Overseas Training/Workshops attended by RGSC staff during the year July 2017 to June 2018

DATE	ORGANISATION	COURSE/WORKSHOP/TRAINING	OFFICER
27 September 2017 - 21 November 2017	National Institute of Technical Teachers Training and Research, India	Advanced Certificate Course on Spatial Information Technology for Urban Planning and Management"	Mr H. Ramsurrun, Manager/ Curator(Electrical/Electronics/ IT)
08 -19 January 2018	Research and Information System For Developing Countries, India	Science Diplomacy in India	Mr D. Balgobin, Manager/ Curator(Mechanical Engineering)
11-13 March 2018	Sabine Platter, Founder of SPAC and Educonservation, Africa	EduConservation Curriculum Mapping in Cape Town, South Africa	Dr. A.K. Maulloo, Director
24 - 28 March 2018	Square Kilometre Array(SKA) Africa	Communication Astronomy with the Public (CAP) 2018 in Japan	Dr. A.K. Maulloo, Director
21.06.2018-11.07.2018	Centre de Formation des Cadres de L'économie et du Commerce Extérieurs de la province de Fujian, Chine	Seminaire sur L'Innovation Scientifique et Technologique pour les pays Africains Francophones in China	Mr P. Jhugaroo, Manager (Graphics & Exhibition)



05

GENERAL REVIEW

RAJIV GANDHI SCIENCE CENTRE

The Rajiv Gandhi Science Centre (RGSC), a para-statal body operating under the aegis of the Ministry of Education and Human Resources, Tertiary Education and Scientific Research has the mandate to popularise science in Mauritius. Since it opened its doors in 2004, RGSC has touched more than 400 000 visitors through its science exhibitions and science promotion activities.

The centre situated at Bell Village houses six science exhibition galleries and a science park which are open to public visit every day. The exhibitions cover areas of science such as Astronomy, Climate Change and Environment, Resources of Mauritius, Frontiers of Technology, Fun Science and Science of Sports. The core business of the centre remains its science exhibitions consisting of interactive, hands-on exhibits aimed at engaging visitors with science and technology in a fun manner.

Since its inception, the centre has been supplementing school science education through various programmes targeting both students and their teachers by organising science competitions, science demonstrations, professional development workshops for educators, and science lectures. In this line, RGSC has become a focal point for the popularisation of Astronomy in Mauritius. The major events for the financial year 2017/2018 were the Science Shows by Dr Graham Walker (a renowned Science Show Professional) fully sponsored by the Mauritius Commercial Bank, the National Youth Conference 2018 enabling young people to communicate cutting edge science to their peers and the launching of the Young Mauritians' Plan for the Planet Project in collaboration with Questacon, the National Science and Technology Centre, Australia and Australia National University. Other major events for this period were the National Science Week and the well-anticipated science-based competitions targeting secondary schools – Science Quest and Model Glider Competition.

With the view to establish itself as a leader in the popularisation of science in Mauritius, the RGSC has come up with a new strategic plan in 2017. RGSC is therefore presenting this annual report in accordance with the Strategic Plan. Hence all the operations and activities of the RGSC have been grouped under six pillars.

5.1 PILLAR 1: THE CENTRE (INFRASTRUCTURE AND SERVICES)

The Rajiv Gandhi Science Centre has a 4000m² building found on an area of 5.3 acres of land. The buildings house several permanent exhibition galleries namely Origin of Mauritius, Climate Change, Resources of Mauritius, Frontiers of Technology, Fun Science and Science of Sports. The compound comprises of a science park and an endemic garden. These form part of the core attractions of the science centre which are open for public visit. The visitor can interact with the exhibits and learn about science and technology.

Besides, the centre has other facilities such as the auditorium, a cafeteria, an activity hall, a multipurpose room and a 16-seater capacity conference room, which are used to support the activities of RGSC. They are also all available for rent as a means of revenue generation. Pillar 1 is concerned with infrastructure services, exhibit and exhibition development, maintenance as well as Human Resources. These, in turn, influence operational efficiency impacting on the quality of service delivery to our customers.

Thus a series of initiatives were taken during the last financial year to strengthen this pillar.

■ Enhance the building and infrastructure facilities at the Centre

Several infrastructural improvement works were undertaken to enhance and embellish the building and infrastructure facilities at the centre. Major repair and upgrading work for an amount of Rs 4,951,753.75 was undertaken under the supervision of the Ministry of Public Infrastructure and Land Transport. Moreover, a procurement process has been initiated for installation of a 3KW photovoltaic plant along with a new lighting system.

■ Develop or acquire new exhibits on emerging areas of Science and Technology

To enrich the existing exhibits at the centre, ten (10) Mobile Science Exhibits were procured from the National Council of Science Museums, Kolkata, India amounting to a total of USD 13,800. A giant life-size animated T-Rex is currently being planned for the outdoor Science Park.



■ Decentralisation of RGSC activities: Satellite Centre at Reduit

Following the signing of the Memorandum of Understanding (MoU) in February 2012 between the Government of Republic of India through the National Council of Science Museums (NCSM) and the Government of the Republic of Mauritius for the setting up of a Planetarium for RGSC, a consultant has been selected. Moreover, 5 acres of land has also been earmarked at Reduit.

■ Encourage exchange of exhibits/exhibitions at regional and international level

From October 2017 to February 2018, Rajiv Gandhi Science Centre hosted a temporary exhibition entitled “Cétacé Mystérieux” (“Mysterious Cetacean”). The exhibition is about humpback whales designed by curating artist Tatiana Patchama. Its interactive design was made to create connections between imagination, creativity and science. The exhibit was created to contribute to the public knowledge of humpback whales in order to protect them.

The exhibition travelled across the South-West Indian Ocean to Reunion, Madagascar, Comoros, Seychelles, Tanzania, Kenya and Mauritius.



■ Increase operational efficiency through optimisation of resources

During the period, RGSC proceeded with the filling of some vacant posts as follows:

Table 13: Recruitment details Year 2017/2018

New Post filled for the Year 2017/2018:	
Name of Post	Number
Clerical/WPO	1
Fitter	1
Resource Officer/Senior Resource Officer	2
Finance Officer	1
Administrative Officer	1

Other recruitment in process	
Name of Post	Number
Maintenance and Development Officer(Graphics)	1
IT Officer	1
Assistant Resource Officer	2
Carpenter	1

5.2 PILLAR 2: VISITOR MANAGEMENT

Thousands of visitors come to the RGSC to participate in the various activities and also to visit the exhibitions. RGSC is committed to provide a pleasant environment to its customers and to innovate its activities to encourage repeat visitors and extend its market reach. Even though the main customers remain the students of Primary and Secondary schools, following a diversification strategy, the centre has expanded its reach by targeting specific audiences such as senior citizens, families and the general public.

- **Enhance the visitor experiences by providing a value for money service**

RGSC took the initiative of developing and implementing a visitor feedback mechanism. Thus, since January 2017, feedback is collected regarding most activities and events organized by the Centre.

RGSC is also upgrading the infrastructure at the Centre. In the same spirit new exhibits have been procured.

- **Increase the number of visitors to the Centre**



Visitors interacting in the Science of Sports Exhibition

RGSC regularly organizes a wide range of activities for the students of Primary and Secondary schools in Mauritius. However, since students visit the Centre mainly in the first and second semester, the number of visitors from this segment has almost reached its saturation point. Exploiting new market segments is now a must and with this in mind new programmes like the Early Childhood Awareness Programme and workshops for entrepreneurs were developed for specific audiences.

■ **Increase the visibility of the Centre**

RGSC undertook several initiatives to increase its visibility and market its activities. Thus posters & flyers promoting the Centre and its activities are sent to customers on a regular basis both in hard copy and through email. All the events and activities are also posted on the Website and Facebook page of the Centre. RGSC has also received various media coverage for its activities.

■ **Provide innovative programmes and special events at the Centre**

Kiddy Science Fair 2017

As part of its Early Childhood Awareness programme, RGSC in collaboration with the Early Childhood Care and Education Authority (ECCEA) organised the third edition of the KIDDY SCIENCE FAIR in October 2017. Kiddy Science Fair is a Science Exhibition whereby pre-primary schools are invited to display the work of pupils falling under learning areas such as body and environmental awareness and numeracy and literacy. Pupils worked on scientific themes at school by engaging in scientific investigations and inquiry in line with the National Curriculum Framework for Pre-Primary schools. The records of pupils' works in the form of posters, drawings, models were used to mount an exhibition for the public. This project received the full support of the pre-primary school pupils, their teachers and the staff of ECCEA.

The Kiddy Science Fair is in line with the mission of RGSC to encourage creativity and scientific thinking among young people. It also provides a platform for pre-schools to enhance their creativity and adopt a hands-on approach to teaching and learning of science.



His Excellency Paramasivum Pillay Vyapoory, G.O.S.K. Acting President of the Republic of Mauritius together with Dr. Jayantee Naugah, FRSB, CBIol (UK), PDSM Chairperson, Rajiv Gandhi Science Centre Trust Fund and Dr Aman Kumar Maulloo, Director of Rajiv Gandhi Science Centre



Children performing at the opening Ceremony of the Kiddy Science Fair 2017

Biology Exploration Camp 2017 and World Science Day for Peace and Development 2017

The RGSC organised a Biology Exploration Camp in the context of World Science Day 2017 entitled “*Discovering living things and their diversity in nature*” for the students of lower secondary schools during the third term holidays on 08-09 November 2017. This workshop aimed at exposing students to scientific instruments and help them participate in inquiry-based science activities. A field trip to Ile Aux Aigrettes Nature Reserve was also organized for the students as part of the workshop. A total of 36 students attended the workshop.

World Science Day for Peace and Development is celebrated worldwide annually on 10 December to highlight the important role that science plays in society. Similarly Science Centres worldwide are advocating for 10th of December to become the International World Science Centre and Museums Day to celebrate the role that Science Centres world wide play in science and society.

International Water Colour Day – November 2017

In the context of the 13th anniversary of the centre, RGSC organized a week of activities from Tuesday 28 November to Friday 01 December 2017. The event coincided with the International Watercolour Day. Thus, the Centre collaborated with the International Water Colour Society of Mauritius to organise two open-days where the public and students on holidays were invited to participate in workshops and view live demos of artists at work. Science Demonstrations were also presented to the public. The event enabled RGSC to bridge the gap between Science and Art with the view to nurturing creativity among young people.

Science Talks/Seminars/workshops

As part of its objectives to encourage public dialogues about science and society issues, RGSC regularly organizes science talks and seminars whereby eminent personalities present their work and interact with the audience. RGSC organized a seminar targeting Young Entrepreneurs and a public lecture in the context of the International Day for Women and Girls in Science.



Participants of the Biology Workshop at Ile aux Aigrettes

One- Day Seminar

On 01 March 2018 the RGSC organized a seminar entitled “*Being a leader and entrepreneur in the emerging Sustainability Economy*” targeting Young Entrepreneurs.

The resource person for this seminar was Mr Ian Chambers from Australia National University and Hon. Soomilduth Bholah, Minister of Business, Enterprise & Cooperatives was the Chief Guest.

During the seminar, the following themes were discussed:

- The future of work: Understanding the changing world and the importance of sustainability
- The importance of young entrepreneurs and leaders in shaping the future
- Practical Applications: Leveraging the UN Sustainable Development Goals and Global Competencies

About 100 young entrepreneurs participated in the event and the group discussed on how science is intricately linked to business, entrepreneurship and sustainable development.

Public Talk

The RGSC organised a Public Talk in the context of the International Day for Women and Girls in science on Monday 26 February 2018. The title of the talk was “From the Ores to the Core” and the resource person was Ms Suzanne Urbaniak, the 2016 winner of the Australian Prime Minister’s Prize for Excellence in Science Teaching in Secondary Schools.

Ms Urbaniak is the creator, developer and promoter of CoRE (Centre of Resources Excellence), a contemporary learning model based in STEM and enterprise skill learning which facilitates student awareness of career prospects beyond 2025. She spoke about how in the real classroom science is ‘doing’ not passively completing work sheets or prescriptive science practicals. She shared how she gets students to learn how to think, solve problems and create solutions to situations. Her learning environment is analogous to an industry work situation and the students work collaboratively in a project based learning scenario. Field trips are a significant component of her teaching-learning practices, where understanding and appreciating the Earth for the resources it has to offer is a critical theme. Around 50 persons attended the talk.



Seminar entitled "Being a leader and entrepreneur in the emerging Sustainability Economy"



Ms Suzanne Urbaniak with H.E Jenny Dee the High Commissioner of Australia after her talk entitled "From the Ores to the Core"

National Science Week (07-12 May 2018)

The Rajiv Gandhi Science Centre in collaboration with the Ministry of Education and Human Resources, Tertiary Education and Scientific Research organized the National Science Week from 07 to 12 May 2018. The National Science Week comprised of a series of events showcasing the applications of Science and Technology in our daily life.

The objectives of the National Science Week were to:

- Communicate Science and Technology in the community
- Promote public understanding of science issues and reveal the practical importance of Science and Technology in various sectors of the Mauritian economy
- Encourage the youth to embark into science-oriented careers
- Encourage hands-on teaching and learning of STEM
- Prepare Mauritius to face future scientific and technological challenges



Interactive session with the members of women associations

Some of the major events held during National Science Week(NSW) 2018 were as follows:

Table 14: Details of events held during NSW 2018

Date	Major Event	Brief description of event	Target Group	Number of attendees
Monday 07 May 2018	Workshop: Science at Home	Talks and interactive sessions: Safety at home by resource person from the Fellowship First Aiders Science of Cooking by resource person from Ecole Hoteliere	Women and housewives	200
Tuesday 08 May 2018	Workshop for students	A business planning approach to the Sustainable Development Goals as part of the training programme for the Young Mauritians' Plan for the Planet Project	Students Grades 9-12	100
Wednesday 09 May 2018	Official Launching followed by National Youth Conference	Official launching by Hon. (Mrs) Leela Devi Dookun Luchoomun, Minister of Education and Human Resources, Tertiary Education and Scientific Research Youth conference is a platform where students discuss about cutting edge Science and Technology issues	Students and collaborators	200
Thursday 10 May 2018	National Youth Conference	Youth conference is a platform where students discuss about cutting edge Science and Technology issues	Students	150
Friday 11 May 2018	Career Fair and Screening of the Film The 'Hidden Figures' in collaboration with US Embassy	The career fair gives students an exposure to possible scientific careers	Students	200
Monday 07 - Saturday 12 May 2018	Free Entrance to the galleries of RGSC (Students and Public)	Visits	Students and Public	About 6950
Saturday 12 May 2018	Science Shows	Live Science Shows & demonstrations	Public	400

5.3 PILLAR 3- SUPPLEMENTING THE EDUCATION SYSTEM

As per its objectives, RGSC plays a crucial role in supplementing the school education system by offering a range of programmes to the school population. This pillar forms part of the core business of RGSC and during the period 2017/2018 a series of activities/events such as project-based competitions, workshops and lectures have been offered to students and educators to enhance the teaching and learning of science in schools. RGSC has also reinvented its activities to contribute actively in the Nine-Year Continuous Education Continuous Basic Education project of the Government. Activities and programmes under this pillar are run at RGSC, Bell Village, or in schools and other venues.

■ Ignite scientific temper among the student population

Science Quest 2018

Science Quest is a project-based science competitions targeted at secondary school students. The aim of the competition, organised for the 5th consecutive year, is to encourage students to apply Science and Technology to make our life better. This year, the Mauritius Commercial Bank reiterated its sponsorship for the prizes and prize giving ceremony.

Objectives of the Science Quest:

- Encourage students to use Science and Technology and the scientific methods in a constructive and innovative manner.
- Enable students to devise strategies to deal with a specific problem while working in a team.
- Give students an opportunity to develop their research, communication and problem-solving skills.
- Develop creativity and innovation among young people

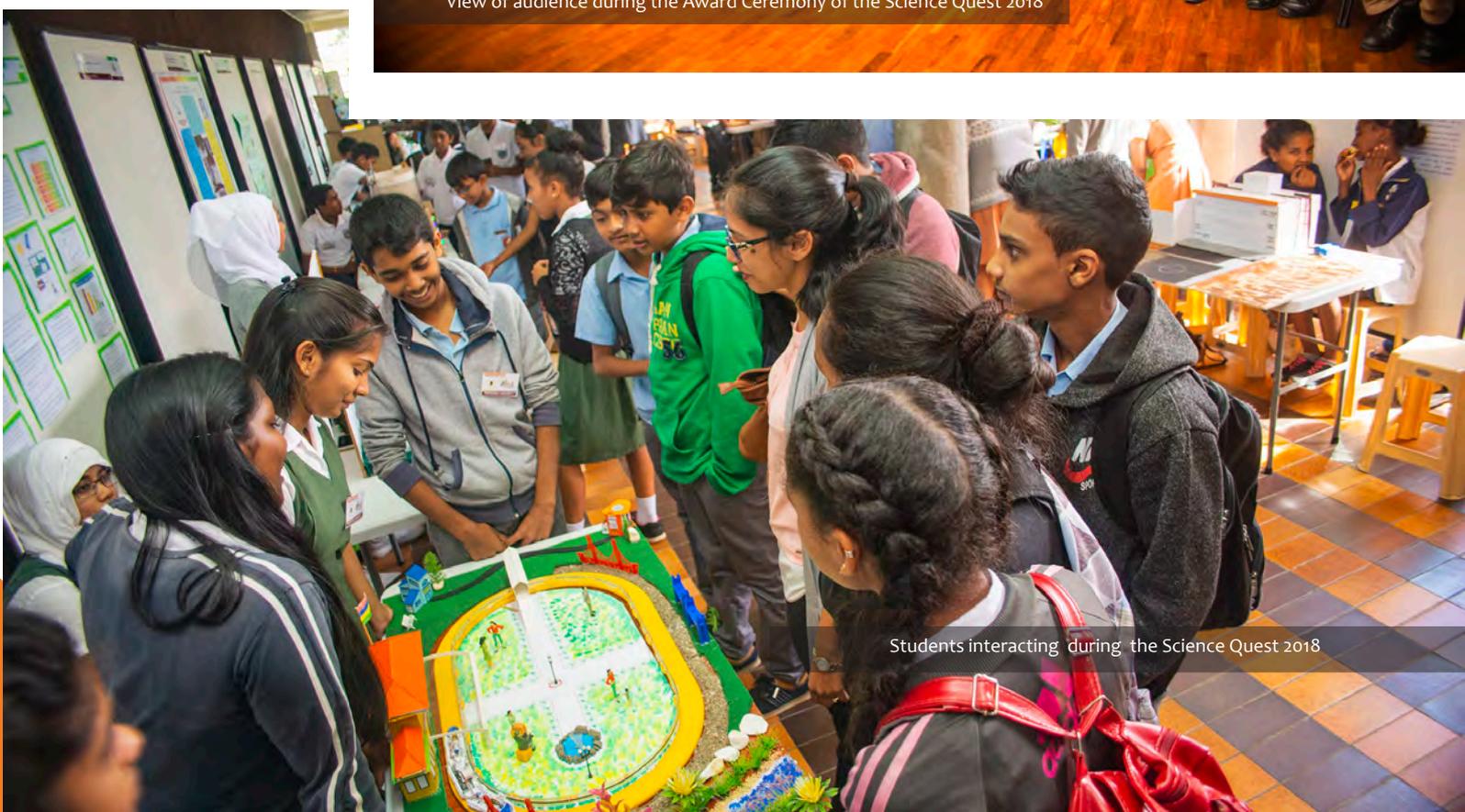
About 530 students from 67 secondary schools around the island submitted their project proposals. The students could form teams of 4 students and register into 3 categories namely Category 1 (Grade 7, 8 and 9), Category 2 (Grade 10 and 11) and Category 3 (Grade 12 and 13). Following a selection process, a total of 89 teams from 51 schools were selected for the finals.

Finalists displayed and defended their projects/prototypes to the jury and other invited schools. They were evaluated based on a project report which documents how they developed their science projects, their project display and an oral interview during the exhibition.

The exhibition was held at Octave Wiéhe Auditorium, Réduit, from 29 to 31 May 2018, and about 1500 visitors, mainly from secondary schools, were received.



View of audience during the Award Ceremony of the Science Quest 2018



Students interacting during the Science Quest 2018





Table 15: List of winners Science Quest 2018

Winning Teams of Science Quest 2018			
Category 1 : Grade 7, 8 and 9		Category 2: Grade 10 and 11	Category 3: Grade 12 and 13
Gold Prize	Royal College Curepipe	Dr Maurice Cure State Secondary School	College du Saint Esprit
Students: Cash Prize of Rs 20000 + shield	Project title: Blind people walking aid	Project title: Manufacture of bio detergent	Project title: Student Assistant App
Supervising Teacher: Cash Prize of Rs 4000			
Silver Prize	Sookdeo Bissoondoyal State College	Mahatma Gandhi Secondary School Moka	Hindu Girls College
Students: Cash Prize of Rs 15 000 + shield	Project title: The genius gas indicator. A constant monitoring of the amount of gas in a cylinder	Project title: Paper recycling for a sustainable Mauritius	Project title: Sustainable Aqua Farming
Supervising Teacher: Cash Prize of Rs 3000			
Bronze Prize	Gaetan Raynal State College	Queen Elizabeth College	Terre Rouge SSS
Students Cash Prize of Rs 10 000 + shield	Project title: Virtual Blood Bank	Project title: Building the e-Queendom	Project title: Smart School Project
Supervising Teacher: Cash Prize of Rs 2000			
Merit Prize	Dr James Burty David SSS	Hindu Girls College	Forest Side SSS
Students: Cash Prize of Rs 4000	Project title: Solar Air Conditioner	Project title: Our security is our responsibility	Project title: Signal LED Biking Jacket
Supervising Teacher: Rs 1000			
Merit Prize	Eden College (Boys)	Mahatma Gandhi Institute Secondary School	Dr James Burty David SSS
Students Cash Prize of Rs 4000	Project title: Using <i>Ocimum tenuiflorum</i> extract as a powerful vector control of mosquito life cycle stages	Project title: Electro-Magnetic Radiation from Hi-Tech devices: A Silent Kill (Finding ways through experiment to protect us from these EMR)	Project title: Early Warning System for flash floods
Supervising Teacher: Rs 1000			



Model Glider Competition 2018

The Model Glider Competition 2018 is another project-based competitions where participants have to use science process skills to explore ideas, design concepts and techniques in aviation. Students in teams of four, therefore have to construct a model aeroplane which they fly using hand-launch. The competition has been organized for the third consecutive year with the collaboration of the Aeronautical Society of Mauritius (AeSM).

Objectives:

- Enable students to develop, construct and fly their own model gliders.
- Encourage students to explore ideas and come up with solutions by working in teams.
- Develop creativity and innovation among young people.
- Give students the opportunity to participate in fun activities related to Science and Technology.

Following the launching of the competition in January 2018, more than 600 students from 67 secondary schools participated in the competition. All participating students and their supervising teachers were invited for a workshop during which they were introduced to some concepts on aeronautics and given tips on the design and construction of model Aeroplanes. The workshop was led by Captain Richard Twomey and Mr Cyril Belcourt from the AeSM.

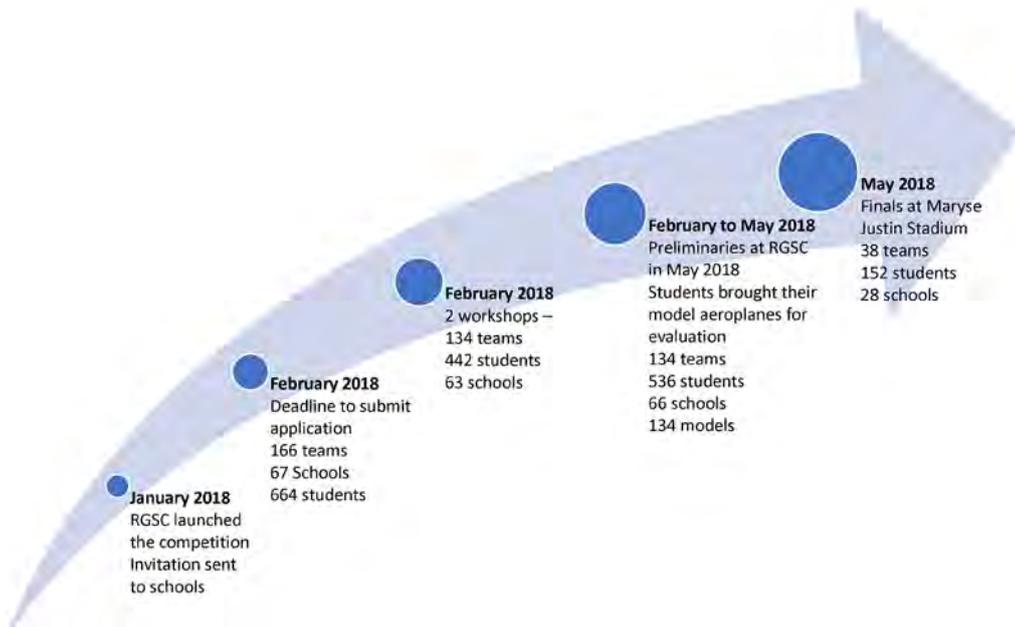
Teams were then invited to construct their aeroplane models which were evaluated during the preliminaries held at RGSC. A total of 38 teams made it to the finals which was held at Maryse Justin Stadium, Reduit on 13 May 2018. The prizes for this competition were sponsored by University of Southampton.

Winning teams of Model Glider Contest

Table 16: List of winners Model Glider Contest 2018

Prizes	Category 1 Grade 10	Category 2 Grade 12
First Prize: Rs 8000 + Shield	Sookdeo Bissondoyal State College	Floreal SSS
Second Prize: Rs 8000 + Shield	New Eton College	Phoenix SSS

The Process



Winners of the Model Glider Contest 2018

Young Mauritians' Plan for the Planet (YMPP) Project

A new programme entitled the “Young Mauritians’ Plan for the Planet” (YMPP) was launched in 2018. The programme encourages secondary school students to learn about the United Nations’ Sustainable Development Goals by using a Business Planning approach thereby favouring a holistic approach to learning of science. The Young Mauritians’ Plan for the Planet forms part of the Young Persons’ Plan for the Planet an international collaborative venture between Australian National University, Questacon-the National Science and Technology Centre of Australia, Future Earth Australia and Inspiring Australia.

YMPP teaches students to use strategic planning and management tools such as Pareto Analysis, Prioritisation, action plans, etc. 10 secondary schools from the nine districts in Mauritius participated in the project. Each team came up with an action plan for each district on how the SDGs could be reached in Mauritius. Ultimately their respective action plans were combined and published in a book entitled ‘Young Mauritians’ Plan for the Planet’: engaging and empowering youth to deliver the sustainable development goals. The launching of the publication has been scheduled for August 2018.

Expected Outcome of YMPP

- Young people to be empowered to consider their potential contribution towards the achievement of the SDGs
- Young people to gain ability and skills to integrate business planning methods to science and society issues.
- Young Mauritians to be connected to other young people across the world and form part of a global network who will strive to reach the SDGs.
- Develop their leadership, team work, global competencies, research and communication skills.

Workshops and Mentoring

The YMPP was accompanied by a workshop which helped train students on science and strategic planning and by communication with students and resource persons from Australia. Mr Ian Chambers, Project Director of Young Persons’ for the Planet, Australia National University and Mrs Suzy Urbaniak, Science Teacher from Kent

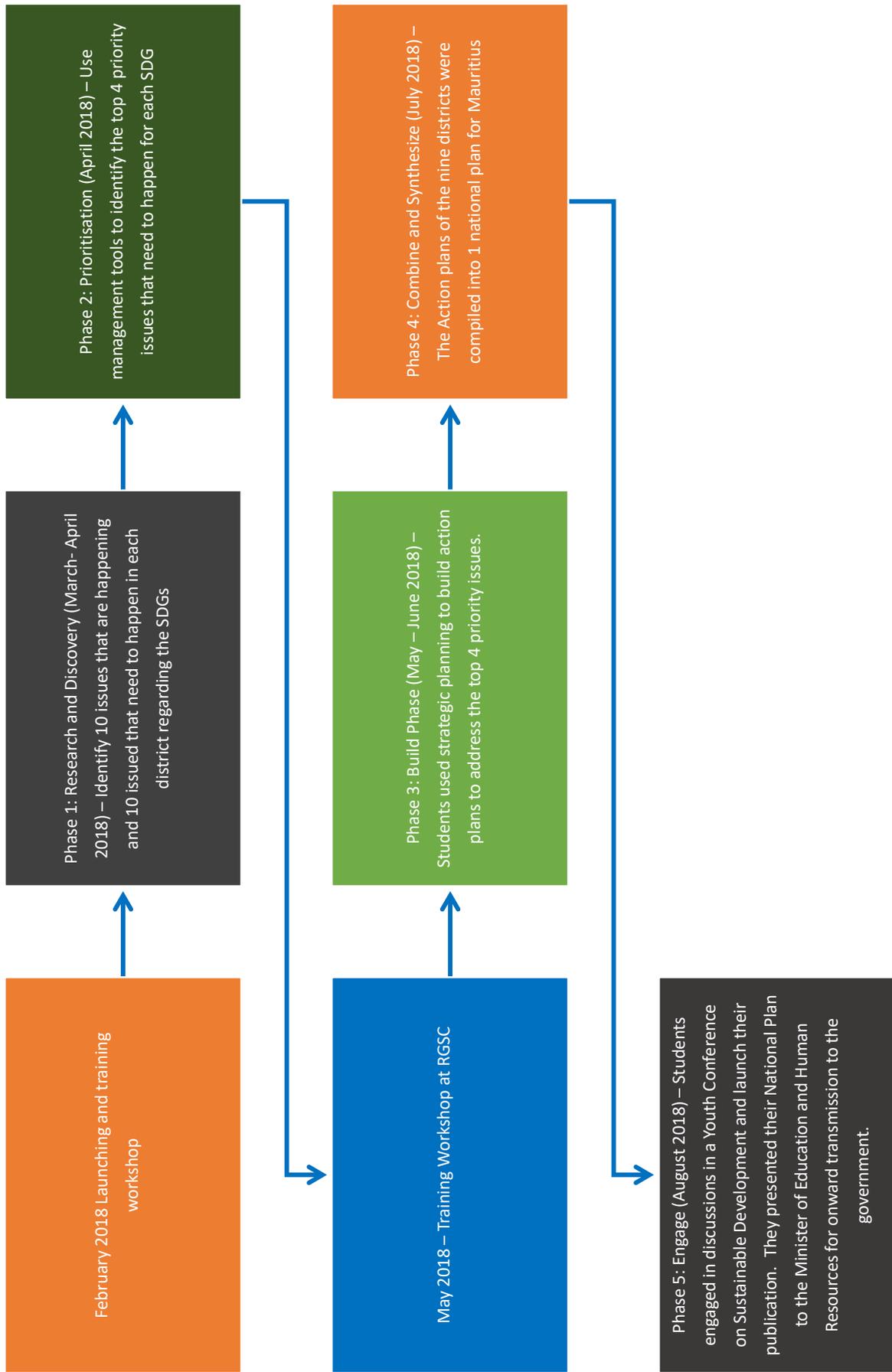
Street High School Perth, travelled to Mauritius for the launching. Furthermore, a team of mentors support each participating school as they went through the process.

The workshops targeted about 100 participants from 10 schools

Table 17: Details of workshops organised in the context of YMPP

Date	Event Details
February 2018	<p>Speaker: Mr Ian Chambers, Project Director, Young Persons’ Plan for the Planet, Australia National University</p> <p>Keynote address: The Importance of Young People in delivering of the United Nations Sustainable Development Goals: Lessons from the successful implementation of the Young Australians’ Plan for the Planet Program”</p> <p>Speaker: Ms Suzy Urbaniak, Science Teacher</p> <p>Title: How we completed the Young Persons’ Plan for the Planet?</p> <p>This workshop introduced the YMPP to the Mauritian students and teachers. Students were given an exposé on the SDGs, strategic planning and how to go about the different phases towards project completion</p>
May 2018 during National Science Week	<p>Implementing the SDGs through Strategic Planning</p> <p>Resource Persons: Mrs Bhamini Kamudu Applasawmy, RGSC Mr Vikram Gungah, Curtin Mauritius Mrs Soujata Rughoobur-Seetah, Curtin Mauritius</p> <p>During this workshop, students discussed about their progress, the challenges faced and how to overcome them. Mauritian students also discussed with Australian students through online platform to enable fruitful exchanges.</p>
List of Participating Schools in YMPP	<p>College du Saint Esprit, Hamilton College, James Burty David SSS, Loreto College, Saint Pierre, Phoenix SSS, Royal College Curepipe, Simadree Virahsawmy SSS, Sir Leckraz Teelock SSS, Soondur Munrakhan College, Swami Sivananda SSS</p>

The project was launched in February 2018 and students spent 4-5 months working on it in the following phases:



February 2018 Launching and training workshop

Phase 1: Research and Discovery (March- April 2018) – Identify 10 issues that are happening and 10 issued that need to happen in each district regarding the SDGs

Phase 2: Prioritisation (April 2018) – Use management tools to identify the top 4 priority issues that need to happen for each SDG

May 2018 – Training Workshop at RGSC

Phase 3: Build Phase (May – June 2018) – Students used strategic planning to build action plans to address the top 4 priority issues.

Phase 4: Combine and Synthesize (July 2018) – The Action plans of the nine districts were compiled into 1 national plan for Mauritius

Phase 5: Engage (August 2018) – Students engaged in discussions in a Youth Conference on Sustainable Development and launch their publication. They presented their National Plan to the Minister of Education and Human Resources for onward transmission to the government.



Ian Chambers, H.E Jenny Dee, High Commissioner of Australia, Hon. (Mrs) Leela Devi Dookun-Luchoomun Minister of Education and Human Resources, Tertiary Education and Scientific Research and Dr. Jayantee Naugah, FRSB, CBIOL (UK), PDSM, Chairperson, Rajiv Gandhi Science Centre Trust Fund launching the YMPP Booklet



Ms Suzy Urbaniak interacting with participants of YMPP



A view of audience attending the launching of YMPP



National Youth Conference on Science, Technology and Innovation

The first National Youth Conference on Science Technology and Innovation (STI) was organised and hosted in the context of the National Science Week 2018 by the Rajiv Gandhi Science Centre on 09 and 10 May 2018. The NYCSTI targeted students of Grade 12 and 13 (17-20 years) and the theme chosen was “Science, Technology and Innovation for the Next 50 Years of Mauritius”. It aimed at bringing together students to raise awareness on how STI can play a strategic role in addressing issues of national importance and finding sustainable solutions to problems for a brighter future of our nation.

Participation: 50 presentations, 86 students, 46 Educators and 42 secondary schools

Conclusion of the Conference: STI has a key role to play in shaping the future of our paradise island. The main prospective areas highlighted to address our various issues were: Robotics and Artificial Intelligence, Nanotechnology, Sustainable Development & Renewable Energy, Innovative Techniques in the Medical Field, Mariculture, Phytochemicals, to mention but a few.

Outreach – Junior Mobile Science

RGSC conducted a Junior Mobile Science Exhibition at Rajcoomar Gujadhur Government School on 12 and 13 July 2017. A set of Mobile Science Exhibits were brought to the school and a series of Science shows were conducted. A total of 800 students and

their teachers were reached through this activity.

Another Junior Mobile Science event was carried out at Cottage Government School reaching out to about 500 pupils.



SPECIAL EVENT: SCIENCE SHOWS FOR SCHOOLS By Dr Graham Walker

With the sponsorship of the Mauritius Commercial Bank Ltd, the Rajiv Gandhi Science Centre welcomed a renowned science show professional, Dr Graham Walker from Australia. Dr Walker performed several Spectacular Science Shows for students of Primary schools and the participants of Science Quest. A Science Show is a set of science experiments and demonstrations conducted live in front of an audience with the aim of arousing their curiosity and triggering their interest for science. It is a blend of education and entertainment.

Dr G. Walker holds a PhD in Science Show Performance. He is Senior Lecturer and Programme officer for Science Circus Africa, from the Australia National University and has about 20 years of experience in performing science shows and other science promotion events. He is the initiator of Science Circus Africa, a programme which aims at training and empowering science centre professionals in various countries in Africa including Mauritius. Dr Walker has toured more than 15 countries in Africa and Asia-pacific to amaze audiences of various ages.



Science Shows were conducted as follows:

Table 18: Science shows performed by Dr Graham Walker

Date	Number of Science Shows	Venue	Target Audience	Number of Attendees
Thursday 31 May 2018 (Science Quest)	1	Octave Wiehe Auditorium, University of Mauritius, Réduit	Students (Secondary)	550
Friday 01 June 2018	2		Students (Primary)	1100
Saturday 02 June 2018	1	MCB Football Club	Students (Primary and Secondary)	225
Saturday 02 June 2018	1	Auditorium, RGSC	General Public	225

5.4 PILLAR 4: OUTREACH

As part of its core activities, RGSC organizes a series of outreach activities especially designed to bring science to the doorsteps of the people. These activities include the long-standing Sky Observation Programmes as well as collaborative events. This mode of practice helps RGSC to reach out to a wider and more diverse audience. The outreach activities are geared towards the community and is normally conducted in collaboration with Community Centres, Social Welfare Centres and other organisations.

■ Bring Science to the doorsteps of every Mauritian

Africa Code Week

The Africa Code Week (ACW) is an award-winning endeavour in engaging the youth in Africa in coding, instilling digital literacy skills they need for the 21st century. Spearheaded by SAP in 2015 as part of its Corporate Social Responsibility, Africa Code Week is a digital skills development initiative that has benefitted 1.8 million young Africans so far. ACW is now actively supported by key partners UNESCO Youth Mobile, Google and the German Federal Ministry for Economic Cooperation and Development (BMZ), 15 African governments, over 150 partners and 100 ambassadors across the continent. Basically, it involves training and engaging the youth and the public in coding. The language chosen is Scratch.

In 2017, Mauritius joined the Africa Code Week (ACW) family with the same objective of engaging the youth and the public in computer programming or coding. Africa Code Week, Mauritius is driven by the Rajiv Gandhi Science Centre (RGSC) as the implementing agency with the collaboration of the Mauritius Institute of Education (MIE), the National Computer Board (NCB), Ceridian Ltd and the unflinching support of the Ministry of Education & Human Resources, Tertiary Education & Scientific Research and the Ministry of Technology, Innovation and Communication.

The modus operandi of ACW is that a pool of trainers/educators be developed through Train the Trainer Programmes who ultimately train students, peers, youth and general public in coding during the Live Event, whereby coding classes are organised and conducted nationwide.

Train the Trainer Programme was held from 24-28 July 2017 at Ceridian Learning Centre.

Number of Trainers Trained: 728 including 280 secondary school educators

Table 18: Details regarding Train the Trainers Workshops

Live Event, 14-18 August 2017		
Description	Number reached	Audience reached
Primary Schools	67	7030
Secondary Schools	84	10519
Tertiary/Vocational Institutions	8	979
Community & Corporate		943
FINAL COUNT ACW 2017 LIVE EVENT		19550

Science Demonstration at Bramsthan Social Welfare Centre

RGSC participated in the Family Fun Day organized by Bramstan Social Welfare centre on 04 August 2018. A series of Science Demonstrations were conducted for about 100 students and their parents.

■ Increase networking with stakeholders and social partners

As part of its Astronomy promotion programme, RGSC organized 3 sky observation programmes during the financial year. The Sky Observation aims at providing the public at



Participants of the Africa Code Week 2017



large with an opportunity to be introduced to stargazing as a leisure activity and be initiated to the wonderful world of astronomy. Visitors are explained how to locate constellations and visible planets, can view sky objects through our telescopes and participate in a lecture/interactive session with the scientists of RGSC. 850 people were reached.

- **Participation of RGSC in collaborative events organized by other institutions**

World Water Day 2018

RGSC participated in the World Water Day 2018 organised by the Central Water Authority held at La Marie Filter Bed. The exhibits developed by the RGSC highlight the importance of water on our planet. Furthermore Science Demonstrations were performed to explain science concepts to students who visited. About 2000 visitors were reached.

5.5 PILLAR 5: E-PROMOTION OF SCIENCE

With new developments in the field of ICT and increased usage of the Internet as a means of communication, RGSC intends to maximize its visibility and reach out to its audiences through online resources. RGSC is currently working on a programme for the e-promotion of Science and to increase the use of ICT as a marketing tool.

- **Use of ICT to enhance the promotion of Science**

Based on the new Strategic Plan 2017-2030 the RGSC is embarking on the development of a modern website; interactive online science promotion tools; adoption of innovative technologies and development of android applications for activities, events and other services.

- **Increase online visibility and strengthen market penetration**

With a view to increase its online visibility and strengthen market penetration, the RGSC is regularly updating its website and marketing its activities through the social media and block mail.



RGSC Stand at the World Water Day 2018



A view of Sky Observation Programme

5.6 PILLAR 6: RESEARCH AND DEVELOPMENT: ENSURE THE SUSTAINABILITY OF THE SCIENCE PROMOTION

One of the objects of the RGSC Act is to “advise the Minister on short- and long-term plans for science education and on the need for appropriate research in the field of science education.” However, with the new educational reform, and taking into consideration the specific roles of the main institutions in the Education Sector in Mauritius, it has become imperative for RGSC to initiate research in science education at all levels. In this direction, on the medium term, RGSC is considering to set up a full fledge Research & Development unit to carry out research in fields related to its area of operation. This will enable the centre to collect and analyse data in the field of science promotion. The Research & Development unit will also play an important role in achieving the aim of RGSC which is to advise the government on Science & Technology issues. This will ultimately provide a realistic picture of the situation and enable proper planning in the education sector as well as for the job market.

Two research projects were undertaken during the last financial year.

- Assess the status of S&T in Mauritius

Upper Secondary Education in Mauritius: A Case Study.

A. K. Maulloo and J. Naugah.

Abstract: This case study takes stock of the present post-16 STEM curriculum in Mauritius and analyses the participation and performance of students in STEM subjects as well as assessing the role of educators and policy makers in the present education system. Data was collected through survey questionnaires, interviews and secondary sources. They were then analysed quantitatively and qualitatively, and the findings have provided an insight of the nature of the existing post-16 curriculum on students’ outcomes. The financial and practical implications of the curriculum model adopted were considered in the study. The results have indicated that there should be more emphasis on STEM subjects and existing policies will have to be reviewed to remedy the issues that have emerged from this study.

This case study was officially launched at the Royal Society’s symposium Broad and Balanced: What is the future for our post-16 curriculum? on 17 October, 2017, and is available on the royal society website: <https://royalsociety.org>

Enhancing Public Understanding of Science Through Information and Communication Technologies – A Case Study of Mauritian Students.

Hemraj Ramsurrun and Aman Kumar Maulloo

The purpose of this case study is to gather evidence on the expected positive impact of Information and Communication Technologies (ICT) to enhance the public understanding of science and technology in Mauritius given that our scientific and digital literacy level has not been properly assessed and perceptions about science and technology are not well established. Moreover, there is little evidence on the positive impact of ICT in our education system.

A group of Grade 9 students, equally divided between boys and girls participated in this exercise at the Rajiv Gandhi Science Centre. The newly designed “Chemical Weapon Convention” corner and the popular “Science of Sports” exhibitions have served as experimental platforms. In broad, the students consisted of a mixed background (religious, intellectual, financial, family). They were requested to visit and interact with the chosen exhibits prior to the start of the exercises which consisted of three parts. Firstly, a multiple-choice treasure-hunt questionnaire was used to determine if ICT-based understanding of science and technology is more effective compared to panel-based reading. Secondly, based on the Technology Acceptance Model (TAM1), an insight of our students’ interests and acceptance of ICT as a tool for understanding scientific concepts was obtained, and thirdly, a survey was carried to establish whether students have a preference for interacting with ICT based exhibits in a science centre or science museum.

It was found that ICT-based exhibits are more conducive to the understanding of scientific concepts. Students have had a better retention of scientific knowledge after interacting with ICT based exhibits. Secondly, there is a strong belief among our Mauritian students that ICT will be useful to enhance their understanding of science and finally, there is a high probability that, among various types of exhibits, students will prefer to interact with ICT-based exhibits which includes devices like tablets, consoles, displays and touchscreen personal computers.

This paper was published in the Conference Proceedings of the “Global Trends in Management, IT and Governance in an e-world (E-MIG 2017) International Conference” held in Mauritius from 8 to 10 November 2017, pages 153-165.



06

STATISTICS

This section presents selected statistics with a view to better understand and quantify the impact of some actions undertaken by the Centre.

The total audience reached through all science education programmes of RGSC excluding paid visits to our galleries were 37,944(Figure 1). This includes special programmes at RGSC, Science Competitions and Outreach activities that target various groups such as students, adults and special audiences.

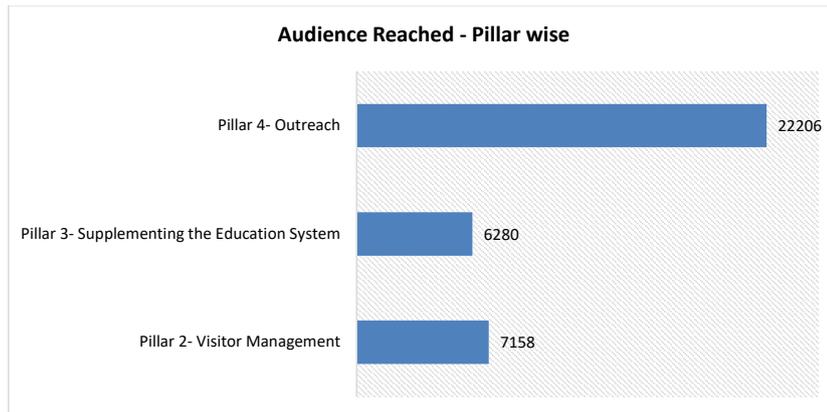


Figure 1: Pillarwise distribution of audience reached

Pillar 2 deals with the number of people reached during the activities and programmes organized at the centre (Figure 2).

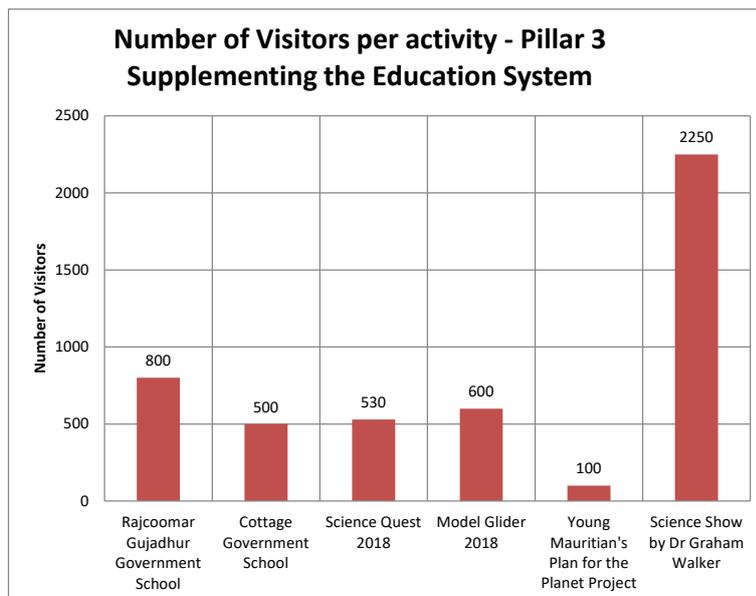


Figure 2: Number of visitors at the centre

Pillar 4 focuses on bringing Science to every Mauritian through activities including collaborative events with other institutions such as Africa Code Week and CWA, etc. (Figure 4).

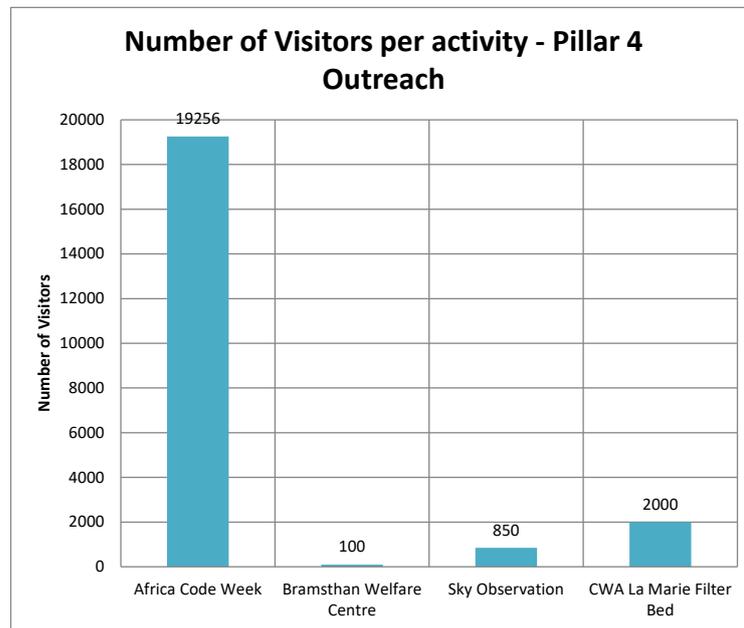


Figure 4: Audience reached through Outreach activities

■ Diversity of audience reached through our activities

The Pie Chart (Figure 5) shows an analysis of the audience reached for each target group. It can be seen that the school population forms a major part of our audience with 38% representing secondary school students and 25% representing primary school pupils.

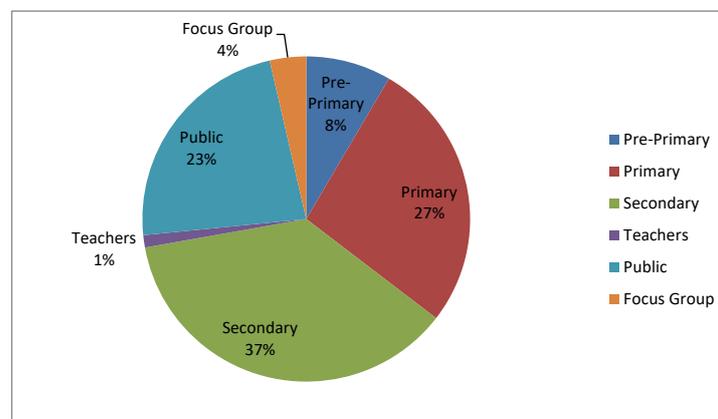


Figure 5: Percentage analysis for each target group

The Africa Code Week has touched the largest number of secondary and primary school students as an outreach event which was delivered in schools in the community.

- Audience reached through the three pillars of the strategic plan

As shown in (Figure 6), currently students form the majority of our audience for pillar 3 (supplementing school education) and pillar 4 (outreach). It is also found that following the implementation of actions linked to the strategic objectives under pillar 2 - Visitor Management, public visits to the centre has exceeded 4000.

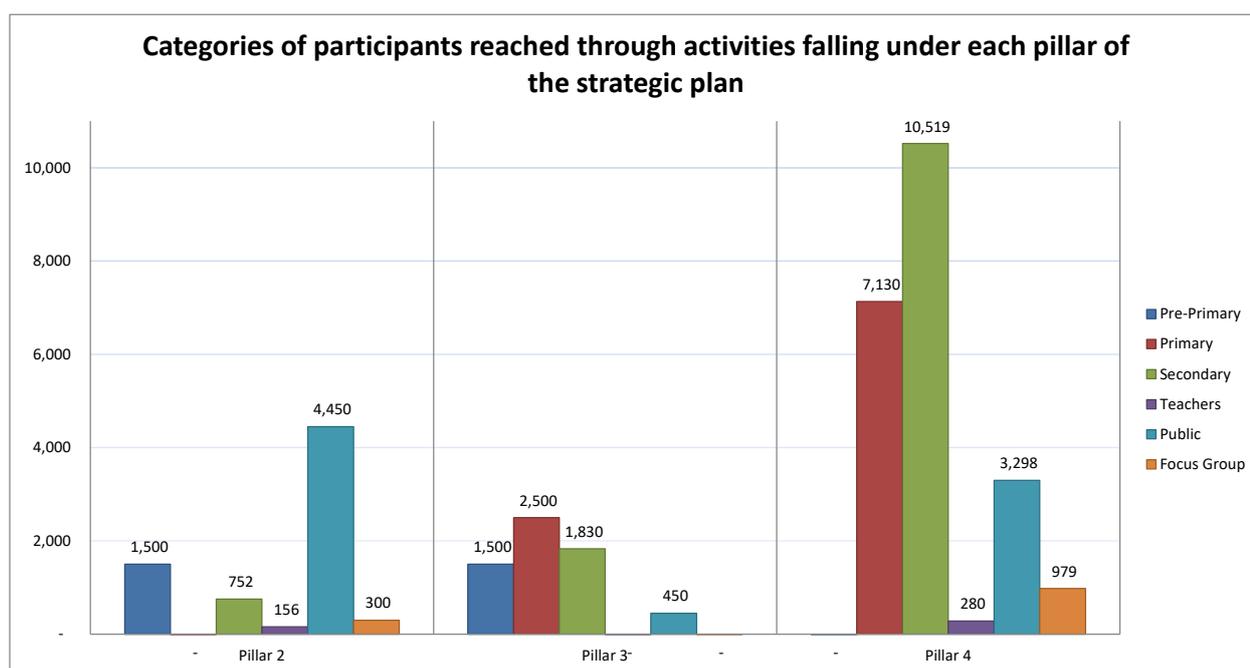


Figure 6: Audience reached through Pillars 2,3 & 4

■ Statistics for selected activities

- Science Quest 2018

It is noted that 67 schools (making up to 40% of the secondary school in Mauritius) have participated in the competition by sending their applications. A total of 133 applications were received from 532 participants out of which 89 projects were selected for the finals.

	Applications received	Participants	Schools
Total	133	532	67
Selected for finals	89	356	51

Number of Teams which participated in each category

Number of Teams which participated				
	Category 1 (Grade 7,8,9)	Category 2 (Grade 10,11)	Category 3 (Grade 12,13)	Total No. of Teams
	61	40	32	133
Selected for finals	43	24	22	89
Reached the finals	37	21	19	77

Number of Schools which participated in each category for Science Quest 2018

Number of Schools which participated				
	Category 1 (Grade 7,8,9)	Category 2 (Grade 10,11)	Category 3 (Grade 12,13)	Total No. of Schools
	41	32	24	67
Selected for finals	35	20	19	51
Reached the finals	30	18	16	46

▪ Model Glider Competition 2018

A total of 166 teams comprising of 664 students participated in the Model Glider Competition. Teams came from 67 schools.

	Number of Schools		
	Category 1	Category 2	Total
Registration	49	39	67
Preliminaries	42	36	66
Finals	16	17	28

	Number of teams which participated		
	Category 1	Category 2	Total
Registration	86	80	166
Preliminaries	68	66	134
Finals	19	19	38

	Number of students who participated		
	Category 1	Category 2	Total Students
Registration	344	320	664
Preliminaries	272	264	536
Finals	76	76	152

- Africa Code Week 2017

A maximum audience was reached during the Africa Code Week live event. A total of 39,749 people, including trainers, students and Public, participated in the event (Figure 7).

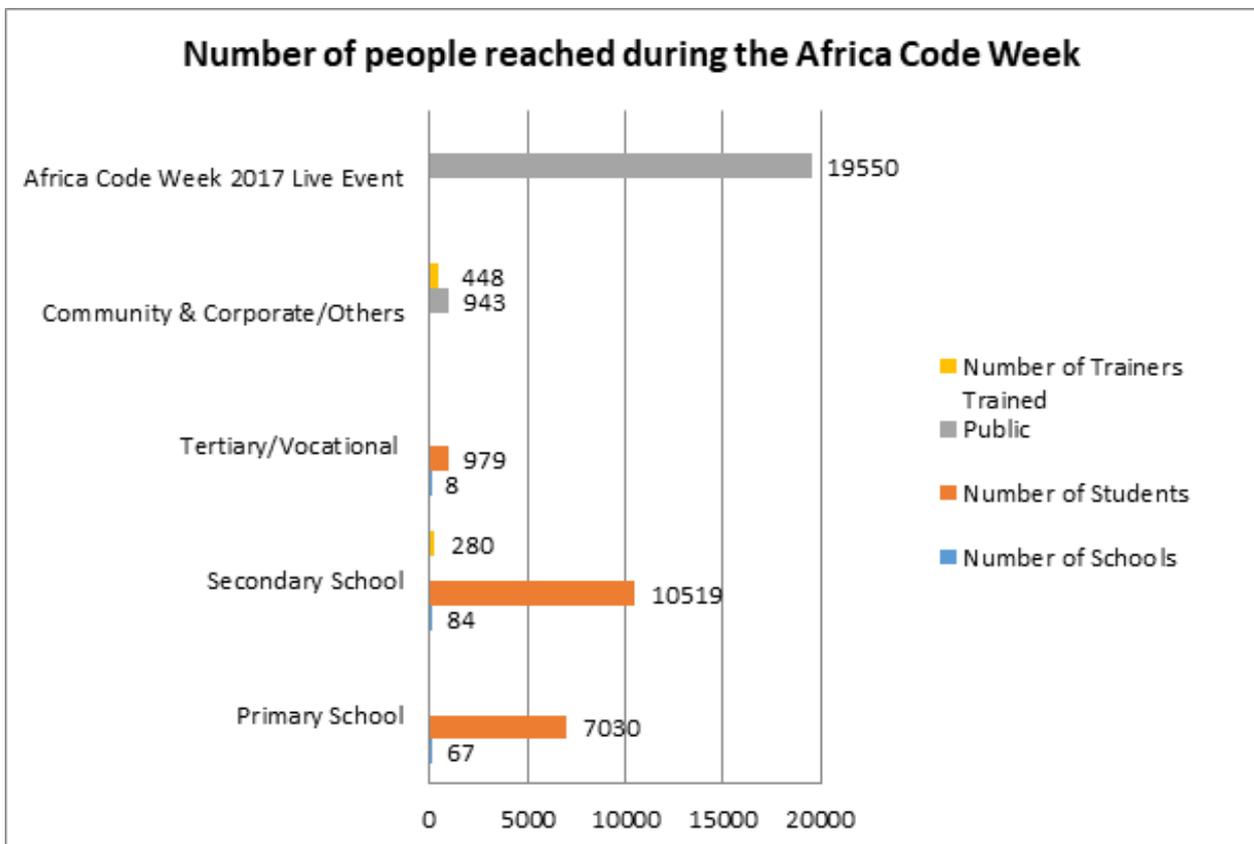


Figure 7: Audience reached during the Africa Code Week

- Visitors at the Centre

During the financial year, a total of 14,302 visitors were received at RGSC including 4,388 paid visits and 9,914 free visits. Entry to RGSC was free on special events, e.g. Kiddy Science Fair 2017, Open days and National Science Week.

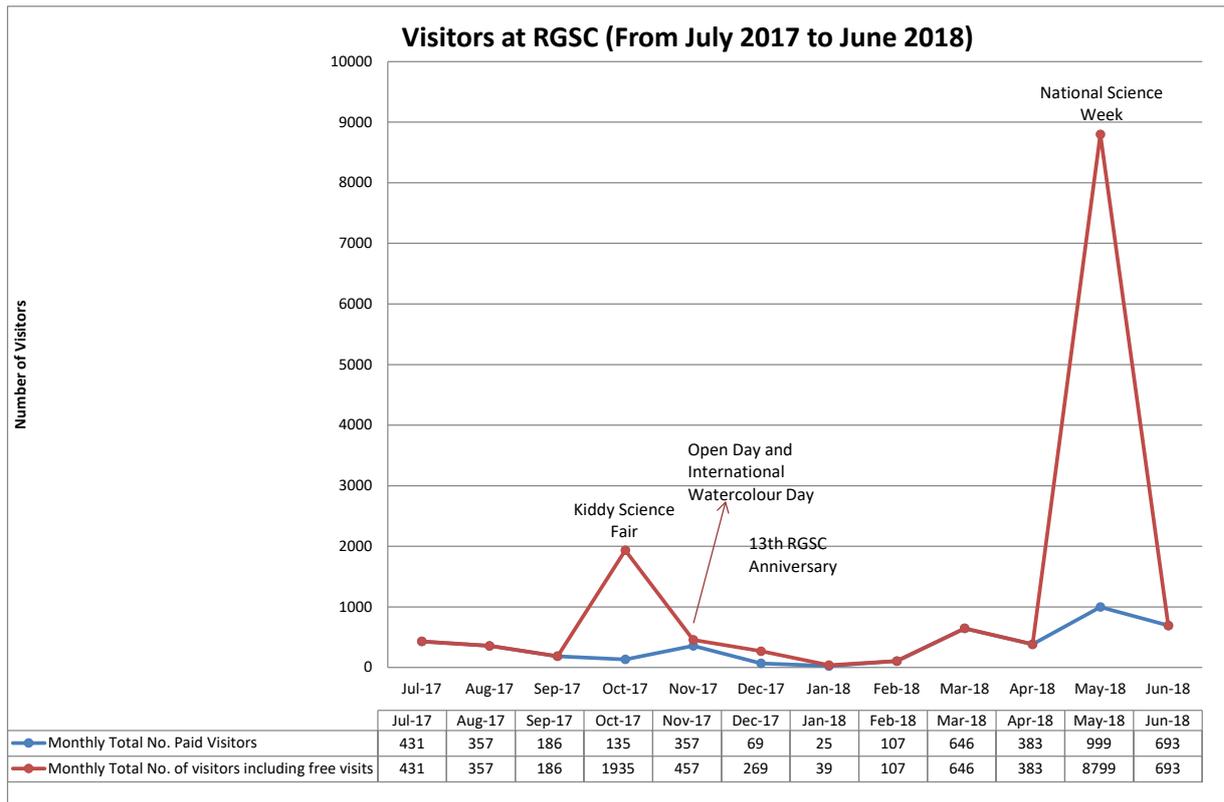
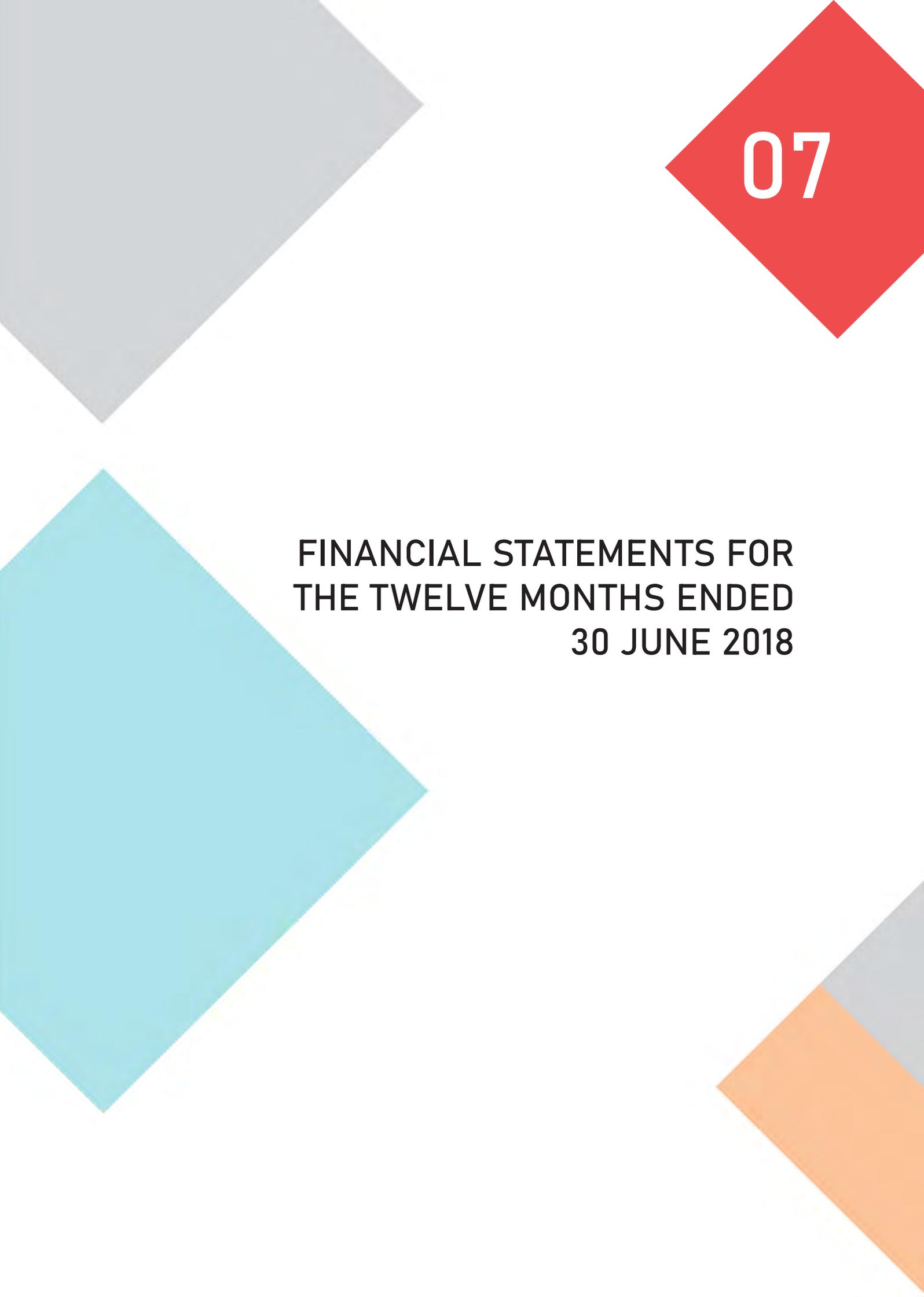


Figure 8: Number of visitors received at the centre





07

**FINANCIAL STATEMENTS FOR
THE TWELVE MONTHS ENDED
30 JUNE 2018**

RAJIV GANDHI SCIENCE CENTRE TRUST FUND

CONTENTS	PAGE
Statement of Financial Position as at 30 June 2018	67
Statement of Financial Performance for the year ended 30 June 2018	68
Statement of Changes in Net Assets/Equity for the year ended 30 June 2018	69
Cash Flow Statement for the year ended 30 June 2018	70
Statement of Comparison of Budget and Actual Amounts	71
Notes to the Financial Statements	72 - 88

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
STATEMENT OF FINANCIAL POSITION
AS AT 30 JUNE 2018

	Note	<u>30-Jun 2018</u> <u>(12 months)</u> Rs	<u>30-Jun 2018</u> <u>ORIGINAL</u>	<u>30-Jun 2017</u> <u>(18 months)</u> Rs
ASSETS				
CURRENT ASSETS				
Cash and Cash Equivalents	5	10,174,006	10,174,006	11,865,437
Receivables and Prepayments	6	49,859	49,859	124,309
Car Loan - Short Term	7	320,544	320,544	320,544
Inventories	8	872,490	724,647	302,356
		<u>11,416,899</u>	<u>11,269,057</u>	<u>12,612,646</u>
NON CURRENT ASSETS				
Car Loan - Long Term	7	607,752	607,752	928,296
Property, Plant & Equipment	9	109,506,806	109,595,512	108,312,276
Intangible Assets	10	64,745	64,745	36,110
Pension Asset	11	6,610,340	6,610,340	6,107,306
		<u>116,789,643</u>	<u>116,878,349</u>	<u>115,383,988</u>
TOTAL ASSETS		<u>128,206,542</u>	<u>128,147,405</u>	<u>127,996,634</u>
LIABILITIES				
CURRENT LIABILITIES				
Payables	12	17,859	97,819	306,092
Car Loan- Short Term	13	320,544	320,544	320,544
Employee Benefits - Short Term	14	183,824	183,824	320,521
		<u>522,227</u>	<u>602,187</u>	<u>947,157</u>
NON CURRENT LIABILITIES				
Car Loan- Long Term	13	625,604	625,604	946,148
Employee Benefits - Long Term	14	7,006,223	7,006,223	6,621,827
		<u>7,631,827</u>	<u>7,631,827</u>	<u>7,567,975</u>
TOTAL LIABILITIES		<u>8,154,054</u>	<u>8,234,014</u>	<u>8,515,132</u>
NET ASSETS		<u>120,052,488</u>	<u>119,913,391</u>	<u>119,481,502</u>
EQUITY				
General Fund		120,052,488	119,913,391	119,481,502
TOTAL EQUITY		<u>120,052,488</u>	<u>119,913,391</u>	<u>119,481,502</u>

The notes on pages 72 to 88 form an integral part of these Financial Statements.

Approved by the Board of The Rajiv Gandhi Science Centre Trust Fund Board on 23 March 2023.



Mrs Ellora Mishra Dhunnoo
 Chairperson





Mrs Pooja Ramjuttan-Ramsurrun
 Board Member

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
STATEMENT OF FINANCIAL PERFORMANCE
FOR THE YEAR ENDED 30 JUNE 2018

	<u>Note</u>	<u>30-Jun 2018</u> <u>(12 months)</u> Rs	<u>30-Jun 2018</u> <u>ORIGINAL</u> Rs	<u>30-Jun 2017</u> <u>(18 months)</u> Rs
REVENUE				
Revenue from Exchange Transactions	15.1	819,966	819,966	2,249,467
Revenue from Non Exchange Transactions	15.2	25,511,808	25,511,808	31,312,811
TOTAL REVENUE		<u>26,331,774</u>	<u>26,331,774</u>	<u>33,562,278</u>
EXPENSES				
Staff Costs	16	13,192,654	13,192,654	19,172,056
Supplies and Consumables	17	4,394,041	4,474,001	8,765,072
Other Operating Expense	18	3,291,719	3,291,719	4,750,976
Depreciation and amortisation expense	19	5,013,766	5,043,334	7,043,365
TOTAL EXPENSES		<u>25,892,180</u>	<u>26,001,708</u>	<u>39,731,469</u>
SURPLUS/ (DEFICIT)		<u>439,594</u>	<u>330,066</u>	<u>(6,169,191)</u>

The notes on pages 72 to 88 form an integral part of these Financial Statements.

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
STATEMENT OF CHANGES IN NET ASSETS/EQUITY
FOR THE YEAR ENDED 30 JUNE 2018**

	General Fund	Revaluation Reserve	Total
	<u>Rs</u>	<u>Rs</u>	<u>Rs</u>
Opening Balance as at 1 January 2016	125,650,693	3,592,317	129,243,010
Deficit for the year	(6,169,191)	-	(6,169,191)
Prior Year Adjustments	-	(3,592,317)	(3,592,317)
Closing Balance as at 30 June 2017	<u>119,481,502</u>	<u>-</u>	<u>119,481,502</u>
Balance as at 1 July 2017	119,481,502	-	119,481,502
Surplus for the year	439,594	-	439,594
Reversal of Provisions	101,823	-	101,823
Prior Year Adjustments	29,569	-	29,569
Balance as at 30 June 2018	<u>120,052,488</u>	<u>-</u>	<u>120,052,488</u>

The notes on pages 72 to 88 form an integral part of these Financial Statements.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
CASH FLOW STATEMENT
FOR THE YEAR ENDED 30 JUNE 2018

	<u>30-Jun 2018</u> <u>(12 months)</u> Rs	<u>30-Jun 2018</u> <u>ORIGINAL</u> Rs	<u>30-Jun 2017</u> <u>(18 months)</u> Rs
CASH FLOW FROM OPERATING ACTIVITIES			
(Deficit)/Surplus for the year	439,594	330,066	(6,169,191)
Adjustments for:			
Depreciation and amortisation expense	5,013,766	5,043,334	7,043,365
Increase in provision for Employee Benefits	(503,034)	(503,034)	(794,937)
Prior Year Adjustments	249,666	101,822	-
Operating Profit before working capital changes	5,199,992	4,972,188	79,237
Changes in Working Capital:			
Decrease/ (Increase) in Receivables	394,994	394,994	(278,664)
(Increase) in Inventories	(570,134)	(422,291)	(218,811)
(Decrease)/ Increase in Payables	(361,077)	(281,117)	329,459
NET CASH FLOWS FROM OPERATING ACTIVITIES	4,663,774	4,663,774	(88,779)
CASH FLOW FROM INVESTING ACTIVITIES			
Purchase of Non Current Assets	(6,355,205)	(6,355,205)	(3,853,258)
NET CASH FLOWS FROM INVESTING ACTIVITIES	(6,355,205)	(6,355,205)	(3,853,258)
CASH FLOW FROM FINANCING ACTIVITIES			
Proceeds from Car loan	320,544	-	428,602
Repayment of car loan	(320,544)	-	(428,602)
NET CASH FLOWS FROM FINANCING ACTIVITIES	-	-	-
NET DECREASE IN CASH AND CASH EQUIVALENT	(1,691,431)	(1,691,431)	(3,942,037)
CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD	11,865,437	11,865,437	15,807,474
CASH AND CASH EQUIVALENTS AT END OF PERIOD	10,174,006	10,174,006	11,865,437

NOTES TO THE CASH FLOW STATEMENT

1. Cash and cash equivalents

Cash and Cash equivalents consist of cash on hand, balances with banks, investments in money market instruments. Cash and cash equivalents included in the Cash Flow Statement comprising the following statement of Financial Position amounts.

Cash and cash equivalents are made up of:

	Rs	Rs	
Cash at Bank	10,173,330	10,173,330	11,865,437
Cash in hand	676	676	-
Cash and cash equivalents at end of period	10,174,006	10,174,006	11,865,437

2. Non- Current Assets

Non-current assets were acquired at an aggregate cost of Rs 6,355,205. The capital expenditures were fully financed by means of capital grant from the Government.

The notes on pages 72 to 88 form an integral part of these Financial Statements.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
STATEMENT OF COMPARISON OF BUDGET AND ACTUAL AMOUNTS
FOR THE YEAR ENDED 30 JUNE 2018

	Budgeted Amounts		Actual Amounts on Comparable Basis	Difference Original and Final Budget	Notes	Difference Final Budget and Actual	Notes
	Original	Final					
	Rs	Rs	Rs	Rs		Rs	
RECEIPTS:							
Recurrent Grant							
Recurrent Grant	21,500,000	21,500,000	21,277,600	-		(222,400)	20.2.1
Other Income	500,000	500,000	2,383,984	-		1,883,984	20.2.2
Sub Total	22,000,000	22,000,000	23,661,584	-		1,661,584	
Capital Grant							
Capital Grant	2,800,000	2,800,000	2,670,190	-		(129,810)	
Upgrading of Electrical Network	2,000,000	2,000,000	-	-		(2,000,000)	20.2.3
Sub Total	4,800,000	4,800,000	2,670,190	-		(2,129,810)	
Total Receipts	26,800,000	26,800,000	26,331,774	-		(468,226)	
PAYMENTS:							
Recurrent Expenditure							
Personal Emoluments	15,165,811	13,785,462	13,192,654	(1,380,349)	20.1.1	592,808	20.2.4
Cost of Utilities	1,290,000	1,200,457	1,171,832	(89,543)	20.1.2	28,625	
Fuel and Oil	81,000	65,602	74,499	(15,398)		(8,897)	
Office Expenses	436,000	397,456	109,390	(38,544)		288,066	
Maintenance & Repairs	405,000	521,944	902,250	116,944		(380,306)	
Cleaning Services	600,000	570,529	581,605	(29,471)		(11,076)	
Security Services	1,260,000	1,279,023	1,244,354	19,023		34,669	
Publications & Stationery	331,500	508,680	310,111	177,180	20.1.3	198,569	
Mission	200,000	100,000	-	(100,000)	20.1.4	100,000	20.2.5
Fees	1,085,500	924,065	736,310	(161,435)	20.1.5	187,755	
Other Goods & Services	319,039	389,114	628,390	70,075		(239,276)	20.2.6
RGSC Activities	800,000	863,534	1,927,019	63,534		(1,063,485)	20.2.7
Sub Total	21,973,850	20,605,866	20,878,414	(1,367,984)		(272,548)	
ADDITIONS TO NON CURRENT ASSETS	2,800,000	2,800,000	6,355,205	-		(3,555,205)	
TOTAL PAYMENTS	24,773,850	23,405,866	27,233,619	(1,367,984)		(3,827,753)	

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

1 GENERAL INFORMATION ON REPORTING ENTITY

PRINCIPAL ACTIVITIES

The Rajiv Gandhi Science Centre Trust Fund (RGSC) was established in 1994 by an Act of Parliament with the aim of promoting Science and Technology, supplement school education through non - formal programmes and create awareness on developments in Science and Technology among the public.

The activities started in May 2000 but the Centre at Bell Village was inaugurated by Smt Sonia Gandhi on 30 November 2004.

2 BASIS OF PREPARATION

(a) Statement of Compliance

The financial statements of the Rajiv Gandhi Science Centre Trust Fund have been prepared in accordance with the International Public Sector Accounting Standards (IPSASs) issued by the International Public Sector Accounting Standard Board (IPSASB).

(b) Going Concern

The financial statements have been prepared on a going concern basis and the accounting policies have been applied consistently throughout the period. They have been prepared on the historical cost basis.

(c) Use of estimates and judgements

The preparation of financial statements, in conformity with IPSAS and generally accepted accounting practices requires the use of estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period.

In the application of the Rajiv Gandhi Science Centre Trust Fund's accounting policies, which are described in Notes 4, management are required to make judgements, estimates, and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions, based on actual results may differ from these estimates. The estimates and underlying assumptions are historical experience and other factors that are considered to be relevant. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the estimate affects only that period or in the period of revision and future periods if the revision affects both current and future periods. Estimates include but are not limited to fair valuation of inventories, accounts receivables, accrued charges, contingent assets and liabilities, and degree of impairment of property, plant and equipment.

(d) Functional and Presentation of Currency

The Financial Statements are presented in Mauritian Rupees. Roundings have been done where applicable to the nearest rupee.

(e) Reporting Date

The present Financial Statements have been prepared for the period 01 July 2017 to 30 June 2018. Comparative figures relate to the eighteen months period 1 January 2016 to 30 June 2017.

The comparative figures for the Period ended 30 June 2017 relates to a period of 18 months. The amounts shown in the Statement of Financial Position, Statement of Financial Performance, Statement of Cash Flows and the Statement of Comparison of Budget and Actual Amount for the accounting periods 2017/2018 and 2016/2017 are not comparable. The Accounts for the eighteen months period ended 30 June 2017 have been qualified by the National Audit Office due to material mis-statement and incorrect figures. Therefore, the Accounts have been reworked to show a "True and Fair view" of the transactions and also to ensure comparability of financial statement for the benefit of all stakeholders/users of accounts.

In line with paragraph 54 of IPSAS 3, additional disclosures relating to the amendments to comparative figures are being made in the Notes to Accounts section as well as a reconciliation statement showing the original amount, amended amount and reason for change in figures shown. In line with IPSAS 1, RGSC intends to show a 'true and fair' view of the financial position as at 30 June 2018. The objective of "comparability" of financial statements will be defeated if correct and amended comparative figures are not shown. The reconciliation statement is at Note 26.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

2 BASIS OF PREPARATION (CONT.)

(d) Functional and Presentation of Currency

The Financial Statements are presented in Mauritian Rupees. Roundings have been done where applicable to the nearest rupee.

(e) Reporting Date

The present Financial Statements have been prepared for the period 01 July 2017 to 30 June 2018. Comparative figures relate to the eighteen months period 1 January 2016 to 30 June 2017.

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In line with paragraph 54 of IPSAS 3, additional disclosures relating to the amendments to comparative figures are being made in the Notes to Accounts section as well as a reconciliation statement showing the original amount, amended amount and reason for change in figures shown. In line with IPSAS 1, RGSC intends to show a 'true and fair' view of the financial position as at 30 June 2018. The objective of "comparability" of financial statements will be defeated if correct and amended comparative figures are not shown.

(f) Measurement Base

The accounting principles recognised as appropriate for the measurement and reporting of the financial performance, cash flows, and financial position are on accrual basis using historical cost except for Property, Plant and Equipment which have been based on fair value.

3 IPSAS ISSUED BUT NOT YET EFFECTIVE

The Financial Statements comply in all material respects with applicable International Public Sector Accounting Standards (IPSAS).

In the current period the Rajiv Gandhi Science Centre Trust Fund has adopted all of the improvements and amendments to the standards effective at the reporting date.

IPSAS 3 (Accounting Policies, Changes in Accounting Estimates and Errors) requires disclosure of new IPSAS that have been issued but are not yet effective.

(a) IPSAS 39- Employee Benefits (Effective 1 January 2018)

IPSAS 39 prescribe the accounting and disclosure for employee benefits. The standard requires an entity to recognize a liability when an employee has provided service in exchange for employee benefits to be paid in the future, and an expense when the entity consumes the economic benefits or services potential arising from service provided by an employee in exchange for employee benefits. This standard shall be applied by an employer in accounting for all employee benefits, except share based transactions.

(b) IPSAS 40 - Public Sector Combinations (Effective 1 January 2019)

IPSAS 40 aims to improve the relevance, faithful representativeness and comparability of the information that a reporting entity provides in its financial statements about a public sector combination and its effects. An entity that prepares and presents financial statements under the accrual basis of accounting shall apply this standard in accounting for public sector combinations.

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

4 ACCOUNTING POLICIES

4.1 Property, plant and equipment

(a) Building and Premises

The State land occupied by Rajiv Gandhi Science Centre Trust Fund along with the building and its content is vested with the Ministry of Education and Human Resources, Tertiary Education and Scientific Research.

Necessary action has been taken for the transfer.

(b) Impairment

Property, plant and equipment are stated at cost or revalued amount less accumulated depreciation and any recognised impairment losses.

At each balance sheet date, the Rajiv Gandhi Science Centre Trust Fund reviews the carrying amount of its tangible assets to determine whether there is an indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss and the carrying amount of the asset is reduced to its recoverable amount.

(c) Revaluation

The Trust revalued its assets during the period 2007 to 2011. As per accounting guidelines, the excess depreciation charged for the period 2008 to 2017 should have resulted in the offsetting of the revaluation reserve by the proportion of additional depreciation, thereby bringing the revalued cost to Net Book Value as at 30 June 2017. At the end of Financial year ended 30 June 2017, the revaluation reserve has been reversed and the value of assets has been restored to its hypothetical Net Book Value.

(d) Depreciation charges

Depreciation is charged so as to write off the cost or valuation of assets, other than land and properties under construction, over their estimated useful lives using the straight-line method as follows:-

	No. of years
Buildings	2%
Office equipment/Intangible Assets	20%
Furniture and Fittings	10%
Plant & Machinery	20%
Exhibits	20%
Motor Vehicles	20%

(e) Disposal

Depreciation is fully charged in the year of acquisition and no charge is made in the year of disposal. There was no disposal of asset during the financial year 2017/18.

(f) Subsequent Costs

The cost of replacing part of an item of property, plant and equipment is recognised in the carrying amount of the item if it is probable that the future economic benefits will flow to the Rajiv Gandhi Science Centre Trust Fund and its cost can be measured reliably. The costs of the day-to-day servicing of property, plant and equipment are recognised in the Statement of Financial Performance as incurred.

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

4 ACCOUNTING POLICIES (Cont.)

(g) Lease

There is no lease agreement and no payment for the occupation of the land and buildings by the Rajiv Gandhi Science Centre Trust Fund.

4.2 Intangible assets

Intangible assets are recognised only if:

(a) it is probable that future economic benefits that are attributable to the assets will flow to the enterprise; and

(b) the cost of the assets can be measured reliably.

Intangible assets are amortised using the straight-line basis over the projected life.

This is re-assessed at the end of each financial period and unused assets are written off.

4.3 Cash and Cash Equivalents

Cash comprises cash in hand and cash at bank.

Cash equivalents are short term, highly liquid investments that are really convertible to cash equivalents .

4.4 Inventories

Inventories are stated at the lower of cost (determined on a first-in-first-out basis) and net realisable value. Cost includes all costs of purchase, costs of conversion and other costs incurred in bringing the inventories to the present location and condition. Net realisable value represents the estimated selling price less all estimated costs of completion and costs to be incurred in selling.

4.5 Provisions and Contingent Liabilities

A provision is recognized when the RGSC Trust has a present legal or constructive obligation as a result of a past event; when it is probable that an outflow of resources embodying economic benefits or service potential will be required to settle the obligation; and when a reliable estimate can be made of the amount of the obligation.

Provisions are reviewed at the end of each financial period to determine the current best estimate.

Other commitments which do not meet the recognition criteria for liabilities are disclosed in the Notes to the Financial Statements as contingent liabilities when their existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events which are not wholly within the control of the RGSC Trust.

4.6 Retirement and other benefit obligations

4.6.1 Employee Entitlements

Employee entitlements to salaries, pension costs, and other benefits are recognized when they are earned.

Sick Leave Benefits

As per the conditions of service prescribed in the PRB Report and conditions of service, employees are allowed to accumulate sick leaves not taken at the end of each calendar year up to a maximum of 110 days, in a sick leave bank. The balance of bank sick leave is valued at the end of the financial year and is recognised as long term payables. Beyond this ceiling of 110 days, officers are refunded part of the annual entitlement of sick leaves not taken at the end of every calendar year and this is expensed to the Statement of Financial Performance.

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

4 ACCOUNTING POLICIES (Cont.)

Passage Benefits

A provision is made for the estimated liability for passage benefits. The passage benefits for each eligible staff is valued at year end. The annual increase in passage benefits entitlement is expensed to the Statement of Financial Performance.

Based on past experience an amount has been transferred from long term liabilities to short term liabilities to provide for any forthcoming payments of passage in the next financial year.

4.6 Retirement and other benefit obligations (Cont.)

4.6.1 Defined benefit pension plan (Cont.)

Vacation Leave benefits

In line with the PRB Report and conditions of service, a provision is made for the estimated liability for encashment of vacation leave. The amount for accumulated vacation leave for each staff is valued at year end. Short term benefit includes provision for vacation leave entitlements for officers who may proceed on early retirement. The increase/decrease in vacation leave during the year is charged to the Statement of Financial Performance.

RGSC changed its accounting policy for the treatment of Vacation Leave benefits in the accounts for the eighteen month period ended 30 June 2017.

4.6.2 Defined benefit pension plan

Provision for retirement pension benefits is made under the Statutory Bodies Pension Funds Act of 1978 as amended.

For employees who were in the public service at 31 December 2012 the scheme is a defined benefit plan and its assets are managed by State Insurance Company of Mauritius Ltd (SICOM Ltd). The cost of providing the benefits is actuarially determined using the projected unit cost method.

The present value of funded obligations is recognised in the Statement of Financial Position as a non-current liability after adjusting for the fair value of plan assets, any unrecognised actuarial gains and losses and any unrecognised past service cost. The valuation of these obligations is carried out on a regular basis by the actuarial services of State Insurance Company of Mauritius Ltd.

The current service cost and any recognised past service cost are included as an expense together with the associated interest cost, net of expected return on plan assets.

A portion of the actuarial gains and losses will be recognised as income or expense if the net cumulative unrecognised actuarial gains and losses at the end of the previous accounting period exceeded the greater of 10% of the present value of the defined benefit obligation at that date or 10% of the fair value of plan assets at that date. The "10% corridor" approach has been used for the recognition of the actuarial gain or loss as at 30 June 2018.

4.6.3 State plan and defined contribution plans

For employees appointed for the first time in the service from 1 January 2013 onwards, Government has set up a Public Sector Defined Contribution Plan, managed by State Insurance Company of Mauritius Ltd. The defined contribution plan is a post-employment benefit plan under which fixed contributions are paid into a fund. The Rajiv Gandhi Science Centre Trust Fund will have no legal or constructive obligation to pay further contributions if the fund does not hold sufficient assets to pay all employee benefits relating to employee service in the current and prior periods.

Contributions to the Public Sector Defined Contribution Plan, the National Pension Scheme, the Family Protection Scheme and the National Savings Fund are expensed in the same financial year.

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

4 ACCOUNTING POLICIES (Cont.)

4.6.4 Car loans

Car loans are disbursed to the Rajiv Gandhi Science Centre Trust Fund by the Ministry of Education and Human Resources, Tertiary Education and Scientific Research on applications by eligible employees as part of their conditions of service. The loans are executed by way of a registered agreement between the Rajiv Gandhi Science Centre Trust Fund and the employees. The car loans which bear an interest rate of 4% per annum are repayable monthly over a period of five or seven years. The balances of principal amounts are shown as short-term and long-term loans. Corresponding carrying amounts are shown under receivables.

4.7 Revenue recognition

Revenue is recognised to the extent that it is probable that the economic benefits will flow to the Trust Fund and the revenue can be reliably measured.

The following specific criteria must also be observed for revenue recognition:

(i) Sale of services

Revenue is recognised when the risks and rewards of performance of services have passed to the buyer and upon customer acceptance, net of discounts and allowances.

(ii) Other revenues

Interest income - as it accrues unless collectability is in doubt.

(iii) Government Grants

Grants are recognized as revenue to the extent that all conditions attached to the grant are satisfied. All government grants received are therefore recognised in the Statement of Financial Performance in the year of receipt.

4.8 Expenses

Expenses are charged to the accounts on an accrual basis.

4.9 Risk Management Policies

A description of the various risks to which the Board is exposed to, is shown below together with the approach adopted by management to control and mitigate those risks. Except where stated elsewhere, the carrying amounts of the Rajiv Gandhi Science Centre Trust Fund financial assets and financial liabilities approximate their fair values.

Currency Risk

Currency risk arises only from purchase of goods and services which are denominated in foreign currencies are negotiated at prevailing exchange rates.

Operational risk

Operational risk, which is inherent in all organisations' activities, is the risk of financial loss instability arising from failures in internal controls, operational processes or the system that supports them. It is recognized that such risks can never be entirely eliminated and the costs of controls in minimizing these risks may outweigh the potential benefits.

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

4 ACCOUNTING POLICIES (Cont.)

Financial risk

Except for cash held at bank in current accounts, the Rajiv Gandhi Science Centre Trust Fund does not have any investment in term deposits nor any loan commitments. Hence, it is not exposed to interest rate risk.

The Rajiv Gandhi Science Centre Trust Fund's credit risk is primarily attributable to its receivables. Management reviews all outstanding amounts at year end to determine doubtful receivables.

The Rajiv Gandhi Science Centre Trust Fund does not have significant liquidity risk. Forecast cash requirements are closely monitored to meet liquidity requirements.

Legal Risk

Legal risk is the risk that business activities of the Trust have unintended or unexpected legal consequences. The Board identifies and manages legal risks through legal advice from the State Law Office on all its day to day dealings. There is no pending litigation as at 30 June 2018.

4.10 Taxation

No provision has been made in the financial statements for income tax and value added tax, on the basis that the Rajiv Gandhi Science Centre Trust Fund is exempted.

4.11 Foreign currency transactions

Transactions in foreign currencies are translated to Mauritian rupee at the exchange rate ruling at the date of transaction. Monetary assets and liabilities denominated in foreign currencies are translated at the exchange rate ruling at balance sheet date.

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

4 ACCOUNTING POLICIES (Cont.)

4.12 Comparative Figures

When an accounting policy is changed with retrospective effect, comparative figures are restated in accordance with the new policy.

	<u>30-Jun</u> <u>2018</u> <u>(12 months)</u> <u>Rs</u>	<u>30-Jun</u> <u>2017</u> <u>(18 months)</u> <u>Rs</u>
5. <u>CASH AND CASH EQUIVALENTS</u>		
Cash at bank	10,173,330	11,865,437
Cash in hand	676	-
	<u>10,174,006</u>	<u>11,865,437</u>
The Rajiv Gandhi Science Centre Trust Fund has no undrawn borrowing facilities.		
6. <u>RECEIVABLES AND PREPAYMENTS</u>		
Receivables	32,000	-
Rent of Auditorium	-	31,000
Car Loan	17,859	17,859
Insurance Building	-	75,450
	<u>49,859</u>	<u>124,309</u>
7. <u>RECEIVABLES CAR LOAN</u>		
Movement in car loans were as follows:		
Opening Balance	1,248,840	935,386
Loan released to staff	-	742,056
Loan refunded by Staff	(320,544)	(428,602)
Closing Balance	928,296	1,248,840
Less: Amount falling due within one year	(320,544)	(320,544)
Amount falling due after one year	<u>607,752</u>	<u>928,296</u>
8. <u>INVENTORIES</u>		
Materials for maintenance of Building	872,490	104,021
Printing and Stationery	-	198,335
Total	<u>872,490</u>	<u>302,356</u>

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

9. NON CURRENT ASSETS - PROPERTY, PLANT & EQUIPMENT

	Buildings	Office Furniture & Fittings	Office Equipment & Tools	Exhibits	Motor Vehicles	Plant & Machinery	Restated Figures
COST	Rs	Rs	Rs	Rs	Rs	Rs	TOTAL Rs
1 July 2017	133,040,849	3,757,578	12,635,280	35,979,183	2,949,611	39,740	188,620,509
Additions	4,057,164	36,275	810,995	-	1,368,000	34,471	6,306,905
At 30 June 2018	137,098,013	3,793,853	13,446,275	35,979,183	4,317,611	74,211	194,709,146
DEPRECIATION							
1 July 2017	30,028,714	2,996,267	10,741,954	34,750,173	1,679,210	11,922	80,308,233
Charge for the period	2,741,960	158,540	926,952	560,607	591,200	14,842	4,994,101
At 30 June 2018	32,770,674	3,154,807	11,668,906	35,310,780	2,270,410	26,764	85,202,341
NET BOOK VALUE							
At 30 June 2018	104,327,339	639,046	1,777,369	668,403	2,047,201	47,447	109,506,806
At 30 June 2017	103,012,135	761,311	2,011,600	1,229,010	1,270,401	27,818	108,312,276

10. NON CURRENT ASSETS - INTANGIBLE ASSETS

	Rs
COST	
1 July 2017	255,745
Additions	48,300
At 30 June 2018	304,045
DEPRECIATION	
1 July 2017	219,635
Charge for the year	19,665
At 30 June 2018	239,300
NET BOOK VALUE	
At 30 June 2018	64,745
At 30 June 2017	36,110

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

11 PENSION ASSET

The Rajiv Gandhi Science Centre Trust Fund maintains a Staff Pension Scheme for its employees.

The scheme is a defined benefit plan. Every employee is required to contribute 6% of his/her salary as pension and the Trust Fund contributes 12 %. These contributions are vested in the Rajiv Gandhi Science Centre Trust Fund Staff Pension Fund which is managed by the State Insurance Company of Mauritius (SICOM) Ltd.

The actuarial variations of the scheme's assets and the present value of the defined benefit obligations as worked out by SICOM Ltd as at 30 June 2018 are reported hereunder:-

	30-Jun 2018	30-Jun 2017
	(12 months)	(18 months)
	Rs	Rs
Amounts recognised in statement of financial position at end of year;		
Present value of unfunded obligation	15,064,943	13,555,160
(Fair value of plan assets)	<u>(18,710,444)</u>	<u>(16,032,435)</u>
	(3,645,501)	(2,477,275)
Present value of unfunded obligation	-	-
Unrecognised actuarial gain/loss	<u>(2,964,839)</u>	<u>(3,630,031)</u>
Liability recognised in statement of financial Position at end of year	<u>(6,610,340)</u>	<u>(6,107,306)</u>
Amounts recognised in statement of financial performance:		
Current service cost	883,369	1,265,217
(Employee contributions)	(423,473)	(641,250)
Fund expenses	25,925	39,078
Interest cost	948,861	1,107,014
(Expected return on plan assets)	(1,161,429)	(1,359,066)
Actuarial loss/(gain) recognised	96,514	106,720
Past service cost recognised	-	-
Total, Included in staff costs	<u>369,767</u>	<u>517,713</u>
Movements in liability recognised in statement of financial position.		
At start of year	(6,107,306)	(5,312,369)
Total staff cost as above	369,767	517,713
(Contributions paid by employer)	<u>(872,801)</u>	<u>(1,312,650)</u>
At end of year	<u>(6,610,340)</u>	<u>(6,107,306)</u>
Main actuarial assumptions at end of year:		
Discount rate	7.00%	6.50%
Expected rate of return on plan assets	7.00%	6.50%
Future salary increases	4.50%	4.00%
Future pension increases	3.50%	3.00%

The assets of the plan are invested in funds managed by State Insurance Company of Mauritius Ltd.

The discount rate is determined by reference to market yields on bonds.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

	<u>30-Jun 2018</u>	<u>30-Jun 2017</u>
	<u>(12 months)</u>	<u>(18 months)</u>
	Rs	Rs
11 PENSION ASSET		
Defined benefit pension plan (Continued)		
<i>Reconciliation of the present value of defined benefit obligation</i>		
Present value of obligation at start of period	13,555,160	11,353,992
Current service cost	883,369	1,265,217
Interest cost	948,861	1,107,014
(Benefits paid)	(151,544)	(70,217)
Liability (gain)/loss	<u>(170,903)</u>	<u>(100,846)</u>
Present value of obligation at end of period	15,064,943	13,555,160
<i>Reconciliation of fair value of plan assets</i>		
Fair value of plan assets at start of period	16,032,435	13,016,838
Expected return on plan assets	1,161,429	1,359,066
Employer contributions	872,801	1,312,650
Employer contributions	423,473	641,250
(Benefits paid + other outgo)	(177,469)	(109,295)
Asset gain/(loss)	<u>397,775</u>	<u>(188,074)</u>
Fair value of plan assets at end of period	18,710,444	16,032,435
<i>Distribution of plan assets at end of period</i>		
Percentage of assets at end of year		
Government securities and cash	59.5%	56.6%
Loans	3.7%	4.4%
Local equities	14.6%	15.8%
Overseas bonds and equities	21.6%	22.6%
Property	0.6%	0.6%
Total	<u>100.0%</u>	<u>100.00%</u>
Additional disclosure on assets issued or used by the reporting entity		
	<u>30-Jun-18</u>	<u>30-Jun-17</u>
Percentage of assets at end of year	%	%
Assets held in the entity's own financial instrument	0	0
Property occupied by the entity	0	0
Other assets used by the entity	0	0
History of obligations, assets and experience adjustments		
Year	<u>30-Jun-18</u>	<u>30-Jun-17</u>
Currency	Rs	Rs
Fair value of plan assets	18,710,444	16,032,435
(Present value of defined benefit obligation)	<u>(15,064,943)</u>	<u>(13,555,160)</u>
Surplus/(deficit)	3,645,501	2,477,275
Asset experience gain/(loss) during the period	397,775	(188,074)
Liability experience gain/(loss) during the period	170,903	100,846
	<u>2018/2019</u>	
Expected employer contributions	939,927	
(Estimate to be reviewed by Rajiv Gandhi Science Trust Fund)		

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

	<u>30-Jun 2018</u>	<u>30-Jun 2017</u>
	<u>(12 months)</u>	<u>(18 months)</u>
	Rs	Rs
12 PAYABLES		
Maintenance - Building	-	84,014
Fuel and Oil - Plant & Equipment	-	9,863
Security Services	-	85,918
Stipends/Allowances for trainees	-	4,200
Professional and Legal fees	-	42,300
Allowance - Youth Employment Programme	-	10,933
Cleaning Services (Rental of feminine Hygiene)	-	51,005
Car Loan	17,859	17,859
Total	<u>17,859</u>	<u>306,092</u>
13 CAR LOAN		
Movement in car loans were as follows:		
Opening Balance	1,266,692	935,386
Loan released to staff	-	742,056
Loan refunded by Staff paid to Ministry	(320,544)	(428,609)
Refund to staff for loan overpaid	-	(5,979)
Amount overpaid to Ministry	-	23,838
Closing Balance	<u>946,148</u>	<u>1,266,692</u>
Less: Amount falling due within one year	(320,544)	(320,544)
Amount falling due after one year	<u>625,604</u>	<u>946,148</u>
14 EMPLOYEE BENEFITS		
Employee benefits represent sick leaves, vacation leaves and passage benefits accrued by staff and payable either on retirement or on resignation.		
Short term:		
Sick leave benefits	183,824	304,258
Passage benefits	-	16,263
Total	<u>183,824</u>	<u>320,521</u>
Long term:		
Sick leave benefits	3,019,740	2,926,953
Passage benefits	1,124,113	980,686
Vacation leave benefits	2,862,370	2,714,188
Total	<u>7,006,223</u>	<u>6,621,827</u>
15 REVENUE		
15.1 REVENUE FROM EXCHANGE TRANSACTION		
Entry tickets	250,158	280,712
Refund under YEP	127,217	681,861
Rent of Auditorium and Seminar room	302,875	599,092
Sale of Solar Eclipse Glasses	-	525,938.10
Biology Campus	-	7,950.00
Other Income	139,716	133,945.55
Renting of Panels	-	19,968.00
	<u>819,966</u>	<u>2,249,467</u>
15.2 REVENUE FROM NON-EXCHANGE TRANSACTION		
Government of Mauritius - Recurrent	21,277,600	28,167,382
Government of Mauritius - Capital	2,670,190	1,707,505
Sponsorship	564,018	1,437,924
Other Income	1,000,000	-
	<u>25,511,808</u>	<u>31,312,811</u>

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

	<u>30-Jun</u> <u>2018</u> <u>(12months)</u> Rs	<u>30-Jun</u> <u>2017</u> <u>(18months)</u> Rs
16 STAFF COSTS		
Breakdown of Staff costs:		
Basic Salary	8,281,441	12,112,729
Compensation 2017	31,226	72,200
Compensation 2018	52,974	-
Uniform Allowance	88,836	135,421
Responsibility allowance	-	5,307
Overtime	313,595	503,117
On -Call allowance	70,080	105,800
Cellular allowance	12,000	17,200
Acting Allowance	404,362	550,172
Internet Allowance	6,000	9,000
Cash in lieu of sick leave (Accumulated) & Bank	376,967	873,767
End-of-year bonus	636,545	641,429
Refund Bus Fares	438,660	537,013
Travel Grant/Mileage Allowance	969,915	1,472,877
Stipends/Allowance for trainees	-	675,535
Passage Benefits	309,755	343,284
Vacation Leave	148,182	
Meal Allowance	2,600	6,370
Medical Examination for Employees	16,800	20,100
Allowance Committee	99,445	84,235
EX-Gratia Payments	221,365	-
Consultancy Fees	25,000	-
Refund of Vaccination	1,140	-
Actual Social Contributions :		
Contributions to the "Civil Service FPS Fund"	16,038	52,162
Contributions to the "National Savings Fund"	109,775	140,969
Contribution to the "SICOM 2% FPS Fund"	134,410	195,778
Contribution to the "SICOM 12% Pension Fund"	369,767	517,713
Defined Contribution Pension Scheme	55,776	99,878
	<u>13,192,654</u>	<u>19,172,056</u>
17 SUPPLIES AND CONSUMABLES		
COST OF UTILITIES		
Electricity	902,652	1,376,061
Telephone	218,575	375,690
Water charges	50,605	79,139
FUEL AND OIL		
Fuel and Oil - Vehicles	74,499	93,915
OFFICE AND OTHER EXPENSES		
Miscellaneous Expenses and Office Sundries	26,543	285,438
Catering	-	132,207
Postage	74,462	85,852
Magazines/Newspapers/ News Service	8,385	20,235
MAINTENANCE		
Repairs/Maintenance - Building	190,649	2,869,257
Maintenance - Exhibits	85,683	59,856
Maintenance - Furniture, Fixtures & Fittings	50,290	53,515
Maintenance - Office Equipment	419,022	42,090
Maintenance - Plant & Machinery	62,726	117,015
Maintenance - Vehicles	93,882	69,978
CLEANING SERVICES		
Cleaning Services - Cleaning of Office Premises	581,605	836,065
SECURITY SERVICES		
Security services	1,244,354	1,429,107
PUBLICATIONS AND STATIONERY		
Printing and Stationery	169,879	548,946
Publicity/Advertising	140,232	290,707
Total	4,394,041	8,765,072

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

	<u>30-Jun 2018</u>	<u>30-Jun 2017</u>
	<u>(12 months)</u>	<u>(18 months)</u>
	Rs	Rs
18 OTHER OPERATING EXPENSES		
18.1 Breakdown of Operating Expenses:		
Staff Training	19,000	66,200
Fees to Chairman and Members of Boards and Committees	539,129	724,240
Professional/Legal Fees	137,181	53,677
Inspection and audit fees	60,000	60,000
Subscription fees to Professional bodies	-	18,334
Stipend Trainee/Volunteer	141,617	310,000
Transport	7,716	71,466
Import/Excise Duty	-	102,757
TDS - Rent	-	14,780
Bank charges	19,049	28,633
Insurance & Indemnity (Buildings)	208,641	355,685
Insurance - Vehicles & Road Tax	139,973	182,144
Staff Welfare	71,640	110,985
Tools & Equipment	-	588,926
Laboratory Materials	20,755	101,316
Overseas Mission	-	145,425
RGSC ACTIVITIES (Note 19.2)	1,927,019	1,816,408
Total	<u>3,291,719</u>	<u>4,750,976</u>
18.2 Breakdown of RGSC Activities:		
National Science Week	665,810	399,580
Exhibition of Chemical Weapon	-	9,100
Africa Code Week	174,062.00	7,500
Sky Observation	4,800	8,000
World Water Day	900	-
Independence Day	7,454	-
Science Quest	578,142	-
Young Scientist in Action	-	292,111
Collaborative Activities 3eme Age	-	66,727
Science Activities in Rodrigues	81,318	-
Outreach Pointe D'Esny	5,000	-
Science Fair & Kiddy Science Fair	39,950	23,125
Kinetic Sculpture Contest	3,750	88,380
Model Glider Competition	148,751	231,732
Workshop Young Mauritian Plan	142,078	-
STEP Programme	-	4,000
Workshop Pre Primary & Primary Teachers	-	182,969
Other Activities	-	377,184
Rise in Digital India	-	80,900
World Science Day	-	14,835
Biology Campus	20,764	4,265
Rajiv Gandhi Memorial	-	16,000
Solar Eclipse	-	10,000
Workshop Hands on Science	19,300	-
RGSC Anniversary	34,940	-
	<u>1,927,019</u>	<u>1,816,408</u>
19 DEPRECIATION & AMORTISATION		
Depreciation of Property, Plant & Equipment (Notes 9)	4,994,101	6,972,267
Amortisation of Intangible Assets (Notes 10)	19,665	71,098
	<u>5,013,766</u>	<u>7,043,365</u>

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018

20 BUDGET

20.1 Explanations on difference between the Original Budget and Final Budget.

- 20.1.1 Personal Emoluments were revised based downwards due to non filling of posts.
 20.1.2 Estimates for Cost of utilities were revised downwards based on trend of expenditure for utilities.
 20.1.3 Increase in Publications and Stationery is attributed to activities of RGSC.
 20.1.4 Estimates for Mission Expenses were reduced based on actual trend of expenditure for the last six months ended December 2017.
 20.1.5 Provision for Fees was reduced based on actual results for the previous six months period ended December 2017

20.2 Explanations on difference between the Final Budget and Actual Amounts

- 20.2.1 Recurrent Grant released to RGSC was reduced due to budgetary constraints.
 20.2.2 Other Income includes mainly sponsorship and revenue generated from RGSC activities.
 20.2.3 Reduction in Capital Grant is attributed to the delay in procurement activities.
 20.2.4 Savings in Personal Emoluments is due to reversal of provision for pensions and due to non filling of posts.
 20.2.5 Expenditure on mission was funded by Parent Ministry.
 20.2.6 Increase in expenditures relating to Other Goods and Services is mainly due to increase in insurance premium and acquisition of workshop tools and equipment.
 20.2.7 RGSC organised various major activities for the promotion of science. The increase in cost is directly attributed to the science events.

21 EVENTS AFTER THE REPORTING DATE

There was no event after the reporting date at the time of preparation of accounts and up to the submission of accounts to the Board which would have an impact on the financial statements.

22 EMPLOYEE DISCLOSURE

As at 30 June 2018, the Rajiv Gandhi Science Centre Trust Fund had 18 employees on permanent and pensionable establishment.

23 KEY MANAGEMENT PERSONNEL

The management of the Rajiv Gandhi Science Centre Trust Fund is carried out by key personnel including the Director and Heads of Division who are responsible for managing the activities of the trust. The remuneration paid to key management personnel for the reporting period are as follows:

	<u>30-Jun 2018</u>	<u>30-Jun</u>
	<u>(12 months)</u>	<u>2017</u>
		<u>(18 months)</u>
Director	1,867,623	2,318,716
Heads of Division/ Section	4,184,432	5,096,592
Total	<u>6,052,055</u>	<u>7,415,308</u>

**RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2018**

24 BOARD OF DIRECTORS REMUNERATION

	<u>30-Jun 2018</u> <u>(12months)</u>	<u>30-Jun 2017</u> <u>(18months)</u>
	Rs	Rs
Chairperson fees	359,100	538,650
Other Board Directors fees	144,387	202,174
Total	<u>503,487</u>	<u>740,824</u>

25 RELATED PARTY TRANSACTIONS

For the purpose of these Financial Statements, parties which are considered to be related to the RGSC are other government ministries, public bodies and departments, mostly represented on the Rajiv Gandhi Science Centre Trust Fund Board, if they have the ability, directly or indirectly to control the RGSC or exercise significant influence over the financial and operating decision making or vice versa. Related party transactions were generally carried out at commercial terms and conditions.

Eligible employees are granted duty free facilities and/or loans for the purchase of a car as prescribed in the Pay Research Bureau Report. The details, amounts granted and balances under these loans are given at notes 4.6.4 and 7. There are no other loans to key management personnel or to other categories of staff.

26 COMPARATIVE FIGURES

	Comparative figures as per Financial Statement for the year 30 June 2018	Audited figures as at 30 June 2017	Difference	Remarks
	Rs	Rs	Rs	
<i>Statement of Financial Position</i>				
Current Assets:				
Cash & Cash Equivalents	11,865,437	13,264,451	-1,399,014	
Receivables and Prepayments	124,309	77,880	46,429	
Car Loan – Short Term	320,544	428,602	-108,058	
Non-Current Assets:				
Car Loan – Long Term	928,296	1,266,262	-337,966	
Property, Plant & Equipment	108,312,276	104,943,290	3,368,986	
Intangible Assets	36,110	65,249	-29,139	
Current Liabilities:				
Payables	306,092	208,273	97,819	
Car Loan – Short Term	320,544	0	320,544	
Employee Benefits – Short Term	320,521	1,126,587	-806,066	
Non-Current Liabilities:				
Car Loan – Long Term	946,148	0	946,148	
Employee Benefits – Long Term	6,621,827	6,789,918	-168,091	
Equity:				
General Fund	119,481,502	116,442,903	3,038,599	
<i>Statement of Financial Performance</i>				
Revenue:				
Revenue from Exchange Transactions	2,249,467	1,353,395	896,072	
Revenue from non-Exchange Transactions	31,312,811	33,064,797	1,751,986	
Expenses:				
Staff Costs	19,172,056	18,657,059	514,997	
Supplies and Consumables	8,765,072	8,824,033	-58,961	
Other Operating Expenses	4,750,976	4,988,293	-237,317	
Dpn and amortization expense	7,043,365	13,569,601	-6,526,236	
<i>Cash Flow Statement</i>				
Surplus/Deficit for the year	-6,169,191	-11,620,794	5,451,603	
Depreciation and Amortisation	7,043,365	13,569,601	-6,526,236	
Decrease/(Increase) in Receivables	-278,664	645,962	-924,626	
(Decrease)/Increase in Payables	329,459	-602,727	932,186	
Purchase of non-current assets	-3,853,258	-3,447,330	-405,928	
Cash & cash equivalents at beginning	15,807,474	15,702,305	105,169	
Cash & cash equivalent at end	11,865,437	13,233,269	-1,367,832	

Comparative Figures have been amended as original audited figures were qualified due to material mis-statement and inaccuracy. Refer to Note 2 (e)



ANNUAL REPORT

2017-
2018

RAJIV GANDHI SCIENCE CENTRE


Promoting Science and Technology

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