REPORT OF THE
DIRECTOR OF AUDIT

On the Financial Statements
of the Rajiv Gandhi Science Centre Trust Fund for the
financial year ended 30 June 2022

NATIONAL AUDIT OFFICE

Republic of Mauritius

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 2022 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 2022, and of its financial performance and cash flows for the year then ended in accordance with International Public Sector Accounting Standards (IPSASs).

Basis for Qualified Opinion

Property, Plant and Equipment – Rs 98.8 million

Fixed Assets Register

I have not been able to ascertain the completeness and existence of property, plant and equipment as the Fixed Asset Register did not contain sufficient information to identify and verify individual assets.

Fully Depreciated Assets

As at 30 June 2022, a total of 726 fully depreciated assets with original cost of Rs 54.8 million had a carrying amount of nil or one rupee. The useful lives and residual values of these assets had not been reviewed as required by IPSAS 17- *Property, Plant and Equipment*.

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.

Emphasis of Matter

I draw attention to Note 11 to the financial statements, which refers to the Pension Liability of Rs 7.04 million as of 30 June 2022, compared with Rs 2.49 million as of 30 June 2021, representing an increase of 183 per cent over the previous year. My opinion is not modified in respect of this matter.

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.

Report on Other Legal and Regulatory Requirements

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.

In accordance with the requirements of the Statutory Bodies (Accounts and Audit) Act, I report as follows:

(a) except for the matters reported in my Basis for Qualified Opinion paragraph below, this Act, in so far as it relates to the accounts, has been complied with. No direction relating to the accounts has been issued by the responsible Minister to the Rajiv Gandhi Science Centre Trust Fund;

(b) in my opinion, and, as far as could be ascertained from my examination of the financial statements submitted to me, expenditure incurred were not of an extravagant or wasteful nature, judged by normal commercial practice and prudence; and

(c) in my opinion, the Rajiv Gandhi Science Centre Trust Fund has been applying its resources and carrying out its operations economically, efficiently and effectively.

Public Procurement Act

In accordance with the requirement of the Public Procurement Act, the auditor of every public body shall state in his annual report whether the provisions of Part V of the Act have been complied with.

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.

Basis for Qualified Opinion

Non-Compliance with Statutory Bodies (Accounts and Audit) Act

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 2022, was submitted on 25 February 2026, that is, some 40 months after the statutory deadline.

Non-Compliance with Section 6A(2)(d)

The Annual report did not include the strategic direction of the Rajiv Gandhi Science Centre Trust Fund in respect of the following 3 financial years.

I performed procedures, including the assessment of the risks of non-compliance with laws and regulations, to obtain audit evidence to discharge my responsibilities as described in the 'Auditor's Responsibilities on Other Legal and Regulatory Requirements' section of my report as referred to below. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my qualified opinion.

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 IPSASs, 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.

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 the entity's financial statements.

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.

Auditor's Responsibilities on Other Legal and Regulatory Requirements

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:

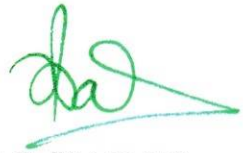
(a) I have obtained all the information and explanations which to the best of my knowledge and belief were necessary for the purpose of the audit;

(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 was 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.



DR D. PALIGADU
Director of Audit

National Audit Office
14th Floor,
Air Mauritius Centre
PORT LOUIS

8 October 2026

Annual Report
2021-2022





RAJIV GANDHI SCIENCE CENTRE

STATEMENT FROM CHAIRPERSON



Dr. Jayantee Naugah, FRSB, Cbiol (UK), PDSM

Chairperson

The Financial Year 2021-2022 was marked by challenges due to the Covid 19 pandemic which brought with it considerable disruptions in the activities and programmes of the Rajiv Gandhi Science Centre (RGSC). The RGSC true to its mandate of promoting Science and Technology to students and the population at large rose to the challenges and did its best to rebound by re-imagining new ways of dealing with the effects of Covid 19 pandemic.

It is noteworthy to mention that the RGSC staff under the dynamic leadership of the Director made an extraordinary effort to successfully organise activities, events and programmes online to meet those challenges. The RGSC team had to innovate its strategies to carry out its mandate of popularising science and technology. Visits to the Centre were not possible and activities such as online quizzes, webinars and multiple online collaborations event at international levels contributed to meet the objectives of its Strategic Plan.

As soon as the COVID 19 restrictions were lifted, RGSC was able to resume its normal activities: The National Science Week 2021 and India-Mauritius STEM Week were successfully held. RGSC won the Par Excellence Award at ICQCC 221 in Hyderabad, India. Another international collaboration in the Space sector was the setting up of the bust of the cosmonaut Yuri Gagarin by the Russian Embassy in the premises of RGSC.

I wish to express my thanks and congratulation to the dedicated staff of the RGSC for their hard work and commitment during a time which was really challenging. I thank the board members, the stakeholder and the Ministry of Education, Tertiary Education, Science and Technology for all their support during this difficult Financial Year.

I am confident that as the environment becomes more stable, RGSC with its dedicated staff will rise to greater heights.

Dr. Jayantee Naugah, PDSM

Chairperson, Rajiv Gandhi Science Centre Trust Fund

STATEMENT FROM DIRECTOR

Dr. Aman Kumar Maulloo

Director



As we present the annual Report of the Rajiv Gandhi Science Centre for the year 2021-22, we take this opportunity to reflect on a year marked by resilience, innovation, and a renewed commitment to our mission of promoting science and technology.

This year has been a testament to our adaptability on the face of challenges with a new mindset following the sequence of lockdowns due to COVID-19 Pandemic. Despite the ongoing impacts of this outbreak, we successfully implemented a range of engaging programmes and initiatives that reached diverse audiences. Our team worked diligently to enhance our digital offering in line with our strategic plan, ensuring that science remained accessible to all, regardless of circumstances.

This financial year started on a strong note, with RGSC winning the Par Excellence Award at the 46th International Convention on Quality Control Circles, held in Hyderabad, India, after being awarded the Grand Winner at the National Level.

To counteract the absence of visits to the Centre, a wide spectrum of online activities was developed for students and the public. Moreover, travelling exhibitions moved to many schools. As soon as the ban on public gatherings was lifted, National Science Week 2021 was successfully held at the Centre, including a series of webinars and an international forum to share and discuss the effect of the pandemic on science communication worldwide.

International Collaborations have always been a driving force of RGSC in science promotion. Examples of this year's achievements included the innovative India-Mauritius STEM Week and the gift of the bust of Yuri Gagarin by the Russian Embassy to RGSC.

We extend our heartfelt gratitude to our dedicated staff, partners, and the RGSCTF Board under the Chairmanship of Dr J Naugah, who have played an integral role in our achievements this year. Your unwavering commitment and support have been crucial in navigating the challenges we faced and in driving our initiatives forward.

As we look ahead, we remain focused on our vision of aspiring future generations through science, we are excited about the opportunities that lie ahead and are committed to continuing our journey of exploration, learning and discovery.

Dr Aman Kumar Maulloo

Director, Rajiv Gandhi Science Centre

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Disclaimer regarding Data Accuracy and Responsibility:

The information contained in this report has been compiled from various sources. While every effort has been made to ensure the relevance of the content, the signatories of this report do not assume responsibility or legal liability for the accuracy, completeness, or reliability of the underlying data provided. The signatories act solely as facilitators of the information and shall not be held liable for any errors, omissions, or subsequent consequences arising from the use of this data.

1. CORPORATE OBJECTIVE STATEMENT

Vision

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

Mission

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

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.

2. CORPORATE GOVERNANCE REPORT

The Rajiv Gandhi Science Centre Trust Fund Board is set up and operates in accordance with the RGSCTF Act 1994, and other relevant statutory provisions, in line with the National Code of Corporate Governance 2016.

As a parastatal body, the RGSCTF Board is committed to fulfilling its mandate in a manner which is consistent with good governance practices with regards to accountability, transparency, responsibility and ethics. The Board has also set up several subcommittees, with specific functions.

RGSCTF Board Composition

In accordance with the RGSCTF Act, the Board is constituted of a Chairperson, the Director and members from various Ministries, parastatal bodies and also a representative of the High Commission of India.

The Chairperson and four members with experience in the field of Science and Technology are appointed by the Minister. As per the RGSCTF Act, the Director attends the meetings of the Board and take part in its deliberations but does not have a right to vote on any issue before the Board. It has also been the practice for the officer responsible for the Administration Section to act as the Secretary of the RGSCTF Board, who does not take part in discussions of the Board and has no right of vote.

As of 30 June 2021, the RGSCTF Board comprised of eighteen (18) members, including the Director of RGSC and the Secretary.

The members are categorised as follows:

- The Chairperson
- Eight (8) representatives of various Ministries
- Two(2) representatives from parastatal bodies/Departments
- One (1) representative of the High Commission of India
- Four (4) persons with experience in Science and Technology, appointed by Minister
- The Director of RGSC
- The Secretary (from the Administration Section of RGSC)

The Board meetings are scheduled at the request of the Chairperson as per the agenda and urgency of issues.

Tenure for the period of July 2021 to June 2022

STATEMENT OF ATTENDANCE:

SN	Name	Workplace
1	Dr Jayantee NAUGAH	Chairperson, RGSCTF Board
2	Mrs. Sewrany GOWRYDOSS	Deputy Permanent Secretary, Ministry of Education, Tertiary Education, Science & Technology
3	Mrs. Pooja RAMJUTTON-RAMSURRUN	Analyst/Senior Analyst, Ministry of Finance, Economic Planning and Development
4	Dr. Swaraj RAMASAWMY	Deputy Permanent Secretary, Ministry of Health and Wellness
5	Dr. Renganaden VIRASAMI	Acting Deputy Director, Mauritius Meteorological Services
6	Mrs. Ellora DHUNNOO	Member, RGSCTF Board
7	Dr. Aman Kumar MAULLOO	Director, Rajiv Gandhi Science Centre
8	Mrs. Indira RUGJEE	Deputy Permanent Secretary, Ministry of Agro-Industry & Food Security
9	Mr. Bheerajlall RAMDOYAL	Acting Senior Analyst, Ministry of Industrial Development SMEs & Cooperatives (Industrial Development Division)
10	Mrs. Arzeena BHOWARKHAN	Assistant Permanent Secretary, Ministry of Energy and Public Utilities (Energy Section)
11	Mr. Surujdev M. SURAT	Deputy Director, Ministry of Labour, Human Resource Development and Training, Employment Service
12	Mrs. Hemila RAMNATH	Deputy Permanent Secretary, Ministry of Blue Economy, Marine Resources, Fisheries, and Shipping
13	Mr. Nizaam Mohammad ABDOOL	Training Centre Manager, Mauritius Institute of Training and Development
14	Mr. C. RAMKUMAR	First Secretary and Head of Chancery, High Commission of India
15	Mr. Rajnish HAWABHAY	Chief Technical Officer, Ministry of IT, Communication and Innovation
16	Mr. Abdool Rajack MUHOMUD	Member, RGSCTF Board
19	Mr. Lindsay TEELUCK	Member, RGSCTF Board

The attendance of members of the **seven** Meetings held during the reporting period is shown hereafter:

Board Member	05/ 08/21	28/ 09/21	08/ 12/21	27/ 01/22	10/ 03/22	21/ 03/22	20/ 04/22	No of Meetings Attended
Dr Jayantee NAUGAH	1	1	1	1	1	1	1	7 out of 7
Mrs Sewrany GOWRYDOSS	1	1	1	1	1	1	1	7 out of 7
Mrs Pooja RAMJUTTON-RAMSURRUN	1	1	1	1	1	1	1	7 out of 7
Mrs Indira RUGJEE	1	1	1	1	1	1	1	7 out of 7
Mr Bheerajlall RAMDOYAL	1	1	1	1	1	1	1	7 out of 7
Dr Swaraj RAMASAWMY	1		1	1	1			4 out of 7
Ms Arzeena BHOWARKHAN		1						1 out of 7
Mr Surujdev M. SURAT		1	1	1	1	1	1	6 out of 7
Mrs Hemila RAMNATH		1	1	1			1	4 out of 7
Mr Bramdeo LOTUN	1							1 out of 7
Mr Nizaam ABDOOL		1	1	1	1	1	1	6 out of 7
Dr Renganaden VIRASAMI	1	1	1	1	1	1		6 out of 7
Mr C. RAMKUMAR		1	1	1		1	1	5 out of 7
Mr Rajnish HAWABHAY	1	1	1	1	1	1	1	7 out of 7
Mr Abdool Rajack MUHOMUD		1	1	1	1	1	1	6 out of 7
Mr Lindsay TEELUCK	1					1	1	3 out of 7
Mrs. Ellora DHUNNOO	1	1	1	1	1	1	1	7 out of 7
Dr Aman K. MAULLOO (Director)	1	1	1	1	1	1	1	7 out of 7
Mrs Poomala MOOTOOSAMY (Secretary)	1	1	1	1	1	1		6 out of 7

Board subcommittees

The Board has set up three subcommittees, namely the Finance Committee, the Staff Committee, and the Technical Committee, having specific functions.

Three subcommittees were constituted during that period as follows:

Finance Committee

The Finance Committee is a subcommittee of the Board and considers and makes recommendations to the Board on matters relating to financial dealings of the Centre. This includes:

- examining various plans of the Centre namely budgetary and procurement
- ensuring compliance to financial procedures and follow up on financial report preparation
- recommendation to the Board for procurement of goods, services, consultancy and works for contracts above Rs 100,000.

During the period, the Finance Committee met on **five** occasions.

The composition of the Finance Committee and attendance for the period are as follows:

Finance Committee Member	22/07/21	21/09/21	02/12/21	18/03/22	30/6/22	Total
Mrs Pooja RAMJUTTON-RAMSURRUN-Chairperson	1	1	1	1	1	5 out of 5
Mr Bheerajlall RAMDOYAL	1	1	1	1	1	5 out of 5
Ms Arzeena BHOWARKHAN	1	1			1	3 out of 5
Mr Bramdeo LOTUN (up to August 2021)	1					1 out of 5
Mr Nizaam ABDOOL (as from September 2021)		1	1	1	1	4 out of 5
Mrs. L. Ragavaloo (Coopted Member)	1	1		1	1	4 out of 5
Dr A.K. Maulloo (Director)	1	1	1	1	1	5 out of 5
Mrs P. Mootoosamy (Secretary)	1	1	1	1	1	5 out of 5

Staff Committee

The Staff Committee is a subcommittee of the Board and considers/makes recommendations to the Board on strategic matters relating to human resources of the Centre. This include recommending to the Board all appointments, confirmations, and promotions.

During the period under review, the Staff Committee met on **five** occasions.

The composition of the Staff Committee and attendance for the period are as follows:

Staff Committee Member	28/07/21	22/09/21	18/11/21	08/03/22	18/04/22	Total
Mrs Sewrany GOWRYDOSS-Chairperson	1	1	1	1	1	**5 out of 5**
Mrs Indira RUGJEE	1	1	1		1	**4 out of 5**
Mr Surujdev M. SURAT	1	1	1	1	1	**5 out of 5**
Mrs. Ellora DHUNNOO	1		1	1	1	**4 out of 5**
Mr P. SADIEN (Co-opted Member)	1	1	1	1		**4 out of 5**
Dr A.K. MAULLOO (Director)	1	1	1	1	1	**5 out of 5**
Mrs P. Mootoosamy (Secretary)	1	1	1	1	**1**	**5 out of 5**

Technical Committee

The Technical Committee is a subcommittee of the Board and reviews the technical projects of the Centre and makes recommendations to the Board on specific projects scrutinised. For the period the following projects form part of the Terms of Reference of the Technical Committee:

- Review of the RGSCTF Act
- Draft a Holistic Refurbishment Plan for RGSC
- Implement the Satellite Centre Project
- Implement the Digital Transformation Project

During the period under review, the Technical Committee met on one occasion as follows to review projects.

The composition of the Technical Committee and attendance for the period are as follows:

Technical Committee Member	17/02/22
Mr Rajnish HAWABHAY-Chairperson	**1**
Mrs Ellora DHUNNOO	**1**
Mr. C. RAMKUMAR	**1**
Mr Bheerajlall RAMDOYAL	**1**
Mr. Nizaam ABDOOL	**1**
Mrs Hemila RAMNATH	**1**
Mr BHUROSAH	**1**
Mr Abdool Rajack MUHOMUD	**1**
Mr Surujdev M. SURAT	**1**
Mrs Pooja RAMJUTTON-RAMSURRUN	**1**
Dr. Aman K. MAULLOO	**1**
Mrs P. MOOTOOSAMY (Secretary)	**1**

PRINCIPLE 3 - DIRECTOR APPOINTMENT PROCEDURES

Composition of Board as per RGSC Act (**Act 6** of 1994 – 24 June 1994)

As per Section (5) (2) of the Act, the Board shall consist of –

(a) a Chairman to be appointed by the Minister;
(b) a representative of the Ministry responsible for the subject of education;
(c) a representative of the Ministry responsible for the subject of finance;
(d) a representative of the Ministry responsible for the subject of agriculture;
(e) a representative of the Ministry responsible for the subject of industry;
(f) a representative of the Ministry responsible for the subject of health;
(g) a representative of the Ministry responsible for the subject of environment;
(h) a representative of the Ministry responsible for the subject of vocational training;
(i) a representative of the Ministry responsible for the subject of fisheries;
(j) a representative of the Industrial and Vocational Training Board;
(k) a representative of the Meteorological Services;
(l) the Director;
(m) a representative of the Indian High Commission; and
(n) four persons with experience in the field of science and technology, to be appointed by the Minister.

The Chairperson and four members as referred to in Section 5 are appointed by the Minister of the Parent Ministry, which is the MOETEST. Other Members are nominated by their respective Ministries, parastatal bodies/Departments, and, shall hold office for a period of two years from the date of appointment.

As per Section 7 of the Act, the Board shall –

(a) with the approval of the Minister, appoint a Director;

(b) after consultation with the Minister, determine the terms and conditions of service of the Director.

The Director shall be responsible for –

(a) the execution of the policy of the Board; and

(b) the control and management of the Centre.

The Director shall attend the meetings of the Board and take part in its deliberations but shall not have a right to vote on any issue before the Board.

PRINCIPLE 4 – DIRECTOR DUTIES, REMUNERATION AND PERFORMANCE

Legal Duties

All Board members are fully aware of their fiduciary duties.

Conflict of Interest

All conflicts of interest are recorded during Board's meetings on an "if and when required" basis. Board Members accordingly recuse from participating on matters whereby they may find themselves to be in a situation of conflict of interest.

Board Information

The Chairperson is responsible for ensuring that all Board Members provide accurate, timely and clear information. The Secretary of the Board work in conjunction with the Director to prepare the Board and subcommittee agenda. The Chairperson and the Director vet the document before circulation to Board Members. Management has an obligation to provide accurate, timely and clear information. Board Members may seek further clarifications or additional documents as required.

All Board Members have the responsibility to keep the Board document or related information strictly confidential and private and to not divulge them to anyone without the authority of the Board.

Board Members' Renumeration

Board Fees		
	Period July 2020 to December 2020 in line with Para 19 of the PRB Report 2016	**Period January 2021 to June 2021 in line with Para 17 of the PRB 2021 Report and in line with Circular Note No 54 of 2022**
Fees	**Amount (Rs)**	**Amount (Rs)**
Chairperson's Fees Monthly	29,925.00	32,000.00
Board Member Per Sitting	890.00	2,000.00
Finance Committee-Chairperson Per Sitting	1,120.00	2,200.00
Finance Committee-Member Per Sitting	890.00	1,700.00
Staff Committee -Chairperson Per Sitting	1,120.00	2,200.00
Staff Committee-Member Per Sitting	815.00	1,700.00
Other subcommittee Fees Per Sitting	815.00	1,700.00
Note: With respect to the Period January 2021 to June 2021, following PRB Report 2021, the Statutory Boards and Committees categorised the Centre under Category B.		

PRINCIPLE 5 – RISK GOVERNANCE AND INTERNAL CONTROL

Internal Control

It has been widely recognised that the role of internal auditing is becoming increasingly important in terms of creating good corporate governance structures. Indeed internal auditors are now providing management with a far broader range of information concerning the organisation's financial, operational and compliance activities to improve effectiveness, efficiency, and the economy of management performance and activities.

PRINCIPLE 6: REPORTING WITH INTEGRITY

The Annual Report is published on the RGSC website, and comprises of the following sections:

Report of Corporate Governance

- Financial Statements
- Review of achievements and performance based on the strategic plan 2017-2030
- A summary of the strategic plan with all 6 pillars (see company profile)

Safety and Health Issues

The RGSC complies with the Occupational Safety and Health Act 2005 and other legislative and regulatory frameworks.

PRINCIPLE 7 – AUDIT

External Audit

The National Audit Office is the External Auditor of the RGSC.

PRINCIPLE 8 - RELATIONS WITH SHAREHOLDERS AND OTHER KEY STAKEHOLDERS

RGSC operates under the aegis of the Ministry of Education, Tertiary Education Science and Technology. Approvals and directives are obtained from the parent Ministry as required.

The stakeholders of RGSC are multifold: visitors (Students and the public), participants in all RGSC Activities, collaborators and partners on specific projects and events.

3. STAFF

The Management Team for the concerned period is as follows:

SN	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. Mootoosamy Poomala	Business Development Officer
7	Mrs Raginee Ghoorahoo	Financial Operation Officer

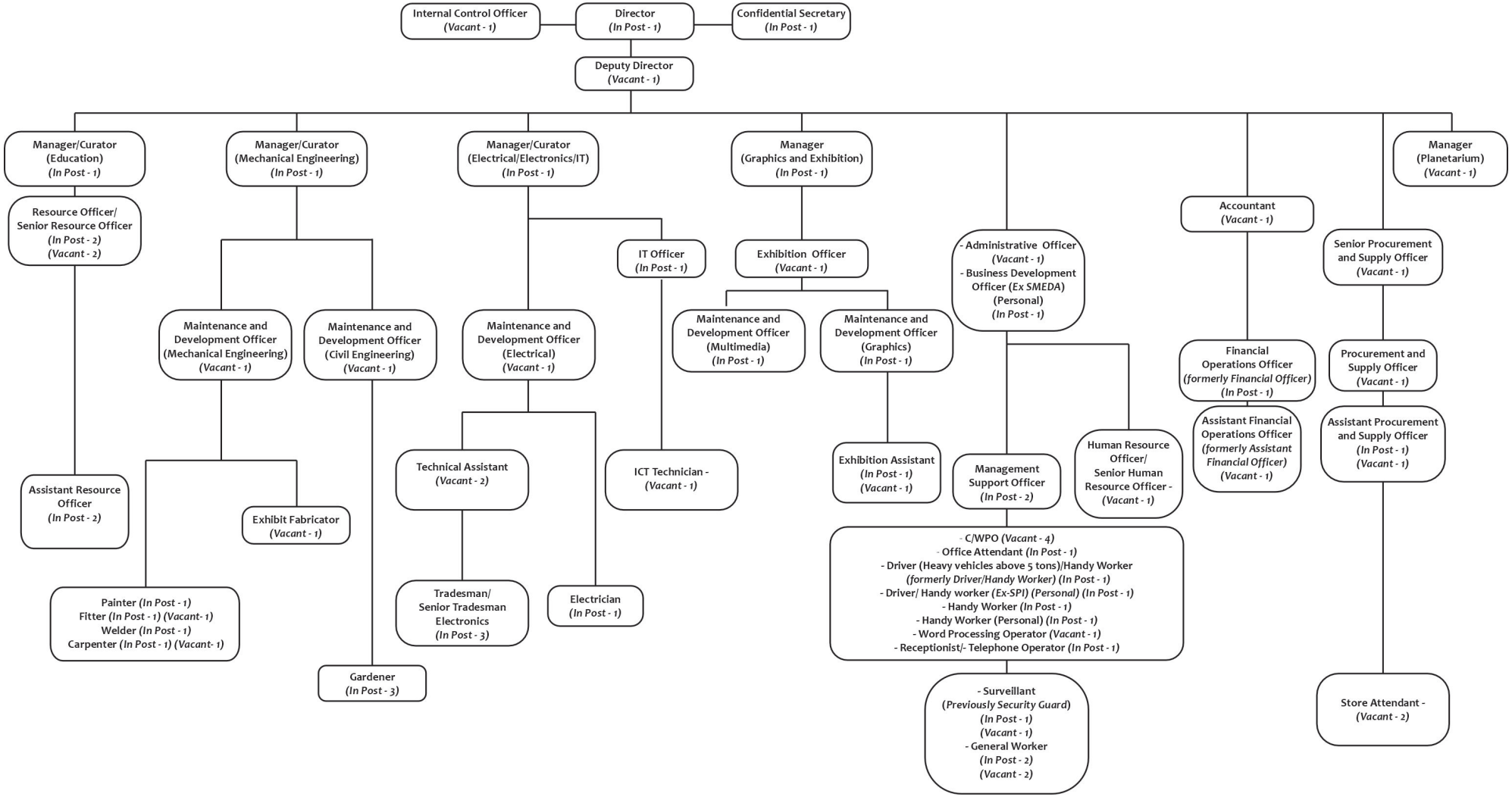
Staff profile

Designation	No in Post
Director	1
Manager/Curator	3
Manager(Graphics and Exhibition)	1
Resource Officer/ Senior Resource Officer	2
IT Officer	1
Business Development Officer	1
Maintenance & Development Officer	2
Financial Operation Officer	1
Confidential Secretary	1
Assistant Procurement & Supplies Officer	1
Management Support Officer	2
Assistant Resource Officer	1
Exhibition Assistant	1
Driver/Handy Worker	2
Tradesman/Senior Tradesman	3
Receptionist/Telephone Operator	1
Electrician	1
Painter	1
Welder	1
Fitter	1
Carpenter	1
Handy Worker	1
Office Attendant	1
Gardener	3
Security Guard	1
General Worker	2

HR Matters

Officers on Contract: Assistant Resource Officer (1) - Officer in Procurement Section (1) Officer in Finance Section (1)

RAJIV GANDHI SCIENCE CENTRE
Organigram (2021-2022)



4. HUMAN RESOURCE DEVELOPMENT

With the focus on recruitment, the Centre has invested both in on -the-job training during that period by transfer of skills and knowledge from existing staff as well as outside training of staff both locally and overseas.

List of Staff who participated in local Workshops, Training, Seminar, Conference

List of Virtual Workshop RGSC staff attended during the year July 2021 to June 2022

SN.	Date	Organisation	Workshop/Training/ Seminar/Conference	Officer
1	28.09.21	University of Technology, Mauritius	Online Workshop on Problem Solving and Decision Making for Industry 5.0+	Dr A. K. Maulloo
2	19-20.01.22	The Centre for Science and Technology of the Non-Aligned and Other Developing Countries(NAM S&T Centre)	International Training Workshop on 'Industry 4.0 and Energy Management'	Mr. Ramsurrun Hemraj
3	22-24.02.22	Southern African Association of Science & Technology Centres	Science Engagement In the time of pandemic	Dr. Maulloo Aman Kumar Dr. Kamudu Applasawmy Bhamini
4	24.02.22	Association for the Development of Education in Africa	Science Technology Engineering and Mathematics Education in Africa	Mr. Rungoo Sookdeo
5	17.03.22	University of Central Lancashire, United Kingdom in Collaboration with The Faculty of Agriculture, UoM.	Consumer Food and Safety Knowledge, Attitudes and Practices in Mauritius	Mr. Rungoo Sookdeo Ms. Nastali Natasha Nalham & Dr. Kamudu Applasawmy Bhamini
6	21.03.22	University of Central Lancashire, United Kingdom in Collaboration with The Faculty of Agriculture, UoM	Consumer Self-Reported Practices/ Behaviour pertaining to Dietary Diversity, Food & Nutrition Security	Mr. Rungoo Sookdeo Ms. Nastali Natasha Nalham & Dr. Kamudu Applasawmy Bhamini

List of Physical Workshop/Training/Seminar/Conference during the financial year 2021/22:

SN.	Date	Organisation	Workshop/Training/ Seminar/Conference	Officer
1	08.10.21	nVision IT Engineering Excellence	Practical Artificial Intelligence & Cloud Summit	Mr. Ramsurrun Hemraj
2	10.02.22	U.S Embassy Mauritius and Seychelles	Women and Girls in Science: Achieving Gender Equality	Dr. Kamudu Applasawmy Bhamini

Operational Efficiency

As mentioned earlier the Centre implemented improved systems of work in line with the Internal Audit Control team report. The audit specifically reviewed the accuracy of financial records, payroll, human resources and other administrative processes. These activities contribute indirectly to the functioning of the business. The Internal Audit report has acted like a guide to weed out operational inefficiencies in the administrative support work systems bringing increased control and reducing the exposure of the Centre to possible risks of fraud and abuse.

With over 95% of the recommendations of the Internal Audit Control Team report addressed in this year, the overall operational efficiency of the Centre increased. Indeed, in the wake of the new normal brought about the Covid-19 Pandemic, the push to do more with less is of essence for increased product and service quality and reliability. This has been made possible with the adoption of new improved ways of work involving:

- Redefining business requirements by adopting new technologies
- Improvement in process according to established standards and best practices
- Reducing complexity of processes
- Avoiding unnecessary duplication of efforts

This has impacted across every functional areas of the Centre which requires a centric approach involving a combination of people, processes, technology, and Board Commitment to drive the accomplishment of goals.

5. GENERAL REVIEW

The Rajiv Gandhi Science Centre, a parastatal body operating under the aegis of the Ministry of Education, Tertiary Education, Science and Technology, has the mandate to popularise science in Mauritius. Since it opened its doors in 2004, RGSC has touched more than 450,000 visitors through its science exhibitions and science promotion activities.

The Science Centre is situated in Bell Village, Port Louis, houses six Exhibition Galleries, a Science Park and Endemic Garden which are open to public visit every day. The exhibitions cover areas such as astronomy, climate change & environment, resources of Mauritius, frontiers of technology, fun science and science of sports.

The centre's core business remains its science exhibitions which consist of hands-on exhibits aimed at engaging the visitors with Science, Technology, Engineering and Mathematics

The Centre is not only limited to the promotion of science but also provides rental of facilities such as an auditorium (200 seats), a multipurpose room (30 seats), conference room (25 seats) and activity area (150m^2). We also have a 150m^2 cafeteria and parking spaces for 50+ vehicles.

The Centre has also a unique collection of endemic plants in its Endemic Garden where young scientists can explore and discover the unique endemic species of plants of Mauritius.

Since its inception, the Centre has been supplementing school science education through various programmes targeting both students and educators such as science-based competitions, science competitions, professional development workshops and science lectures. In this line, RGSC has become a centre-point with respect to popularisation of Astronomy in Mauritius.

The major events of financial year 2021/22 included our National Science Week, which attracted 3000 visitors; the Model Glider Competition, featuring 49 registered teams; and the 4-Minute Science, with 134 registered teams. Additionally, we hosted Webinars and Quiz Competitions.

All Events in the financial year 01 July 2021 to 30 June 2022:

SN	Date	Event
1	15 Sep 21	Webinar: Meet the Scientist: Episode 2: Nature and Ecology by Dr. Florens.
2	Dec 21, 11	African Code Challenge
3	10 - 11 Jul 21	World Population Day 2021
4	12 Jul 21	Reopening of galleries (Post COVID19) 50 persons only
5	22 Jul 21	National Productivity and Quality (NPQC) 2020/2021
6	31 Jul 21	Virtual Gallery: Photo Contest: Healthy Plants and Unhealthy Plants

7	02 Jul 21 to 01 Jul 22	Fly me into Space – Travelling Exhibition (in schools)
8	03 Aug 21	Live Webinar: E-Promotion of Science: Promoting Science and Technology during the COVID-19 Pandemic in Mauritius
9	10 Aug 21 to 20 Oct 2021	Model Glider Competition 2021
10	18 Aug 21 & 07 Oct 2021	inQuizzitive: The Human body inQuizzitive: Astronomy
11	01 Sep 21	Science Recipe: Make Your Own Magnet
12	30 Sep 21 to 19 May 22	4 Minute Science Communication Contest
13	12 Oct 21	Unveiling of Yuri Gagarin statue at RGSC (gift from Russian Embassy)
14	28 Oct 21	Webinar: India's Achievement in the Scientific Field
15	22, 24 & 26 Nov 2021, 01,02, 03 & 15 Jun 22	Online Quiz Competition
16	22 Nov 21, 11 Feb 22, 22 Mar 22, 16 May 22	Webinars
17	23, 24, 26 Nov 21, 31 May 22, 02 & 03 Jun 22	Live Webinars
18	24 Nov 21	National Science Week 2021 (opening)
19	24 & 25 Nov 21	Workshop & Webinar
20	01 Dec 21	COVID 19: A Paradigm Shift in Science Communication? An International Perspective
04 Feb 22 Communique for closure of galleries		
21	04 Feb 22 & 20-21 Apr 22	ECCEA meetings and workshops
22	07 Feb 22	International Day for Women and Girls in Science: "Water Unites Us: Perspectives from Mauritian Female Scientists"
21	24 Feb 22	Younivers 2022 – Le Challenge Video Astro-Ados 2022. Creole Speaking Union: Launching of the first book featuring Science content in Creole language.
24	14 Mar 22	International Day of Mathematics
25	20 Mar 22	March Equinox – Posters
26	12 Apr 22	International Day of Human Space Flight
13 Apr 22 Communique for re-opening of galleries		
27	22 May 22	International Day for Biological Diversity
28	30 May – 04 Jun 22	India-Mauritius STEM Week: 1. Exhibitions 2. Hands-on demonstrations 3. Treasure hunt 4. Helicopter show 5. The hot and cold show
29	08 Jun 22	World Ocean Day
30	15 Jun 22	Science Fair in Schools
31	18-27 Jun 22	Five planets align: Mercury, Venus, Mars, Jupiter, Saturn

Pillar 1 - The Centre (Infrastructure and Services)

The Rajiv Gandhi Science Centre has a 4000m^2 building on 5.3 acres of land. The building houses 5 permanent Exhibition Galleries namely Origin of Mauritius, Climate Change, Resources of Mauritius, Frontiers of Technology and Fun Science as well as one temporary exhibition gallery: 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 opened for public visit and where the visitor can interact with the exhibits and learn about science and technology.

In addition, the Centre has other facilities such as an 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 renting as a means of revenue generation.

Pillar 1 is concerned with infrastructure services, exhibit and exhibition development and maintenance and Human Resources. This influenced operational efficiency impacting on the quality-of-service delivery to our customers.

Strategic Objective 1: Enhance the building and infrastructure facilities at the Centre

The RGSC remains committed to ensuring the safety of staff and visitors and in this context, key safety systems at the Centre were upgraded, and essential maintenance works were carried out to support the proper functioning of the Centre. Regular maintenance of exhibits also continued throughout the year to ensure that a majority remain in good operating condition and provide a safe and engaging experience for our visitors.

Strategic Objective 5: Increase operational efficiency through optimisation of resources

NATIONAL PRODUCTIVITY AND QUALITY CONVENTION 20/21

The National Productivity and Quality Convention (NPQC) is an initiative of National Productivity and Competitiveness Council (NPCC) to promote and develop greater productivity and quality awareness and consciousness amongst the public, and to recognise individuals, teams, and organisations for their outstanding achievements in quality and productivity.

The Rajiv Gandhi Science Centre (RGSC) participated in the third edition of this competition, the **NPQC 2020-2021**, in the category of Government/Para-statal/Registered Associations. A team consisting of Mr. H. Ramsurrun (Team Leader), Mr. I. Li Kim Khiook (RO/SRO) and Mr. M. Luximon (MDO) presented the project e-Promotion of Science: Improving Organisational Capability and Efficiency in the Promotion of Science.

On 21st July 2021, the RGSC was declared Grand Winner for the category of Government/ Para-statal/Registered Associations.

RGSC represented Mauritius virtually in the 46th International Convention on Quality Control Circles (ICQCC), that was held in Hyderabad, India from the 24 to the 27 November 2021. RGSC obtained the PAR EXCELLENT Award at the ICQCC 2021.



NPQC 20/21 Grand Winner



Mr. H. Ramsurrun Dr. A. K. Maulloo
Team Leader (left) & Director of RGSC (right)

PILLAR 2: Visitor Management

RGSC is dedicated to enriching visitor experiences by offering high-quality, value-for-money services. We aim to boost the number of visitors to the Centre through strategic enhancements and innovative programmes. By prioritising customer satisfaction and consistently updating our exhibits and activities, we strive to create an engaging and educational environment that attracts and retains a diverse audience. Our efforts are focused on ensuring that each visit to RGSC is memorable, informative, and enjoyable, encouraging repeat visits and positive word-of-mouth referrals.

However, this financial year, we faced tremendous challenges. One of the big challenges was managing visitors during the pandemic. Worried because of the pandemic, people rarely ventured outside for non-essential activity, therefore, we had reduced number of visitors throughout that financial year. Moreover, our galleries were closed from 4th February 2022 to 13 April 2022 with a total of 69 days of inactivity.

The solution developed to this problem was a contactless form of dissemination of STEM; webinars, science talks and online competitions were the primary focus.

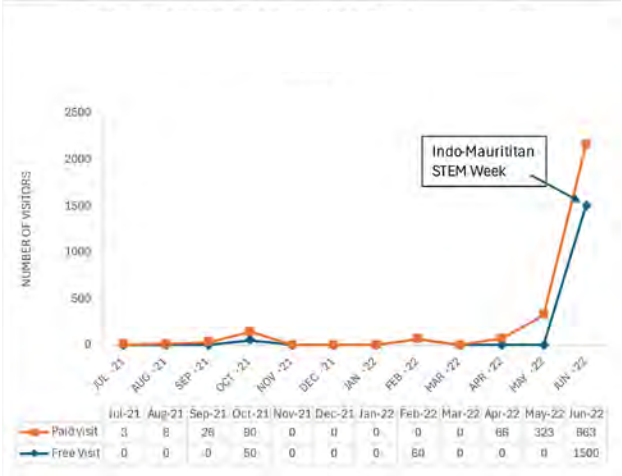
Strategic Objectives 1: Enhance the visitor experience by providing a value for money service to visitors

Thousands of visitors take part in RGSC's diverse activities and exhibitions. RGSC strives to create a welcoming environment and continually innovates its offerings to encourage repeat visits and broaden its audience. Over the financial year, RGSC attracted 1,640 visitors, encompassing students, educators, trainers, adults and specialised groups such as women organisations. Many of these visitors were drawn by the Centre's special events, reflecting a significant appeal of these occasions.

Strategic Objectives 2: Increase the number of visitors to the centre

VISITORS AT THE CENTRE: JULY 2021-2022

Visitor numbers at the RGSC remained low during the period from July 2021 to early 2022, primarily due to the cautious behaviour of people and the restrictions on public gatherings of more than 50 individuals. The limitations impacted attendance, as seen in the stagnation of both paid and free visits. However, with the lifting of restrictions and strategic initiatives by RGSC, such as the Indo-Mauritian STEM Week, there was a dramatic increase in visitor numbers by May and June 2022.



	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
Paid Visit	3	8	26	90	0	0	0	0	0	66	323	863
Free Visit	0	0	0	50	0	0	0	60	0	0	0	1500

In respect to Strategic Objectives 1 and 2, the RGSC remains focused on attracting more visitors through engaging and interactive exhibits. By continuously enhancing the quality of experiences offered at the galleries, we aim to inspire curiosity, learning, and a sense of discovery.

Strategic Objectives 3 and 4: Increase the visibility and provide innovative programmes and special events at the Centre

To achieve Strategic Objectives 3 and 4, RGSC is dedicated to enhancing its visibility and delivering innovative programs and special events. By leveraging various marketing channels and community outreach, we aim to raise awareness about the Centre and attract a wider audience. Our commitment to innovation is reflected in the development of unique and engaging programs that cater to diverse interests and age groups. Special events, such as themed exhibitions, workshops, and science fairs, are designed to provide memorable experiences that encourage repeat visits and foster a deeper connection with the Centre. Through these efforts, we strive to position RGSC as a leading destination for education and science-entertainment, thereby increasing attendance and broadening our impact.

1. National Science Week 2021

"An essential goal of the National Science Week is to highlight the practical significance of Science and Technology across diverse sectors of Mauritius."

Aims and Objectives

The aims and objectives of the National Science Week are to:

b. Communicate science and technology in the community
c. Promote public understanding of science issues
d. Reveal the practical importance of Science and Technology in various sectors of the Mauritian economy
e. Encourage the youth to embark into science-oriented careers
f. Encourage hands-on teaching and learning of STEM
g. Prepare Mauritius to face future scientific and technological challenges

During National Science Week 2021, a key highlight was the Science and Technology Exhibition, where various stakeholders showcased their work to the public. The exhibition was open to visitors from Tuesday, November 22, 2021, to Friday, November 26, 2021, from 9:30 am to 2:00 pm. Concurrently, a series of thematic seminars, workshops, and conferences on Science and Technology were held throughout the week from Monday, November 22, 2021, to Friday, November 26, 2021.

Event	Date	Time	Details	No. Of visitors
Science & Technology Exhibition	22 Nov 2021 to 26 Nov 2021	9.30am to 2.00pm	Various stakeholders showcased their project to the public	3000
Thematic Seminars, Workshops & Seminars	22 Nov 2021 to 26 Nov 2021	9.30am to 2.00pm		



Programme details of NSW 2021

Time	Type of Activity	Title	Target Audience	Face-toFace/ Online Link
Day 1: Monday 22 Nov 21				
09.30 – 11.30	Seminar	Science and Technology for Sustainable Development in the COVID-19 Era: Empowering Women Leaders in Society	Women Associations	Face-to-Face
Day 2: Tuesday 23 Nov 21				
09.30 – 14.00	National Youth Conference	Invention and Discoveries that Changed our Lives	Secondary Students	Online Link
Day 3: Wednesday 24 Nov 21				
09.30 – 10.30	Launching NSW	Official Launching of National Science Week and Prize Giving Ceremony of '4-Minutes Science' a Science Communication Contest	Dignitaries and Professionals from the Education Sector	Face-to-Face/ Online Link
11.00 – 14.00	Seminar	Rethinking Education in Post COVID-19 Era: Challenges and Opportunities	Educators/ Rectors	Face-to-Face/ Online Link
Day 4: Thursday 25 Nov 21				
09.30 – 12.30	Seminar	Re-inventing and Re-adapting the SME in post COVID-19 Era: Challenges and Opportunities	SMEs and Businesses	Face-to-Face
11.00 – 12.00	Webinar	Meet the Scientist	Secondary Students and Public	Online Link
Day 5: Friday 26 Nov 21				
12.00 – 15.00	Forum	The Essence of Science Centres in the COVID-19 Era - An International Perspective	Local and International Science Centre/ Museum Professionals	Online Link
Day 6: Saturday 27 Nov 21				
10.00 – 11.00	Science Show	Science Shows	Public	Face-to-Face
09.30 – 15.00	Workshop	Coding/Robotics/21st Century Skills	Students	Face-to-Face/ Online Link

2. 4-Minute Science by Rajiv Gandhi Science Centre

The "4-Minute Science" contest, organised by the Rajiv Gandhi Science Centre, is a pioneering initiative aimed at fostering scientific communication among secondary school students in Mauritius. This competition encourages participants to present scientific topics in a clear, engaging manner tailored for a non-specialist audience, thereby promoting creative expression and understanding of science's societal relevance. Here's an overview of the contest:

Overview and Objectives:

Objective: Promote science and technology's role in achieving Sustainable Development Goals through effective communication.

Participants: Open to secondary school students categorised into Grade 7-9 and Grade 10-12 teams, each guided by an educator.

Format: Teams create original videos not exceeding four minutes, presenting their chosen scientific topic related to technology and sustainable development.

Content: Emphasis on scientific accuracy, relevance to society, and effective presentation skills.

Evaluation: Judging criteria include content quality, clarity, communication skills, and video production.

4-Minute Science








Winners of 4-Minute Science 2021-2022

Through "4-Minute Science," RGSC empowered young Mauritian students to explore, communicate and innovate in the realm of science, fostering a community of informed and passionate future scientists and communicators.

Training for this event was provided by Dr. Stuart Kohlhagen, an Australian science communication specialist. He conducted an online workshop in October 2021, where participants were trained on effective science communication techniques. This workshop was part of the contest preparation for students from secondary schools, helping them to create concise and engaging science presentations.

3. World Space Week: Unveiling Ceremony of Yuri Gagarin's Bust

In collaboration with the Russian Embassy, Rajiv Gandhi Science Centre (RGSC) commemorated World Space Week with a significant event: the unveiling ceremony of the bust of Yuri Gagarin. Yuri Gagarin, the first human to journey into outer space, symbolises humanity's pioneering spirit in space exploration.

Event Highlights:

Purpose: To celebrate the achievements of Yuri Gagarin and commemorate his historic flight on April 12, 1961.

Date: October 12, 2021, marking World Space Week.

Venue: Rajiv Gandhi Science Centre (RGSC), in collaboration with the Russian Embassy.

Participants: Dignitaries, space enthusiasts, educators, and students.

Activities: Included speech by Konstantin Klimovskiy, the Ambassador Extraordinary and Plenipotentiary of the Russian Federation to Mauritius, honoring Gagarin's legacy, unveiling of the bust, and educational exhibits on space exploration.

Significance: Highlighted the enduring collaboration between Mauritius and Russia in promoting space science and technology.

Collaboration and Impact:

The collaboration between RGSC and the Russian Embassy underscored the importance of international cooperation in advancing space exploration. The unveiling ceremony served not only as a tribute to Yuri Gagarin but also as an educational opportunity to inspire future generations towards careers in space science and technology.

This event exemplifies RGSC's commitment to fostering scientific awareness and celebrating milestones in space exploration, promoting Mauritius as an active participant in the global space community.



Yuri Gagarin's Bust
(October 2021)

4. INDIA-MAURITIUS STEM WEEK 2022

The **India-Mauritius STEM Week 2022** was a five-day event from **31st May to 4th June 2022,** engaging **3,000 participants** in in-person and virtual activities. Organised by the **Rajiv Gandhi Science Centre (RGSC)** and the **High Commission of India**, in collaboration with the **Ministry of Education**, it also marked **India's 75th Independence Anniversary (Azadi Ka Amrit Mahotsav)** and served as **National Science Week 2021/22**.

Key Activities:

- **Opening Ceremony (1st June 2022)**: Attended by the **Vice-Prime Minister, Minister of Education**, and the **Acting High Commissioner of India**.
- **Exhibitors:**
    - **Indian Space Research Organisation**
    - **Hindustan Aeronautics Ltd**
    - **Metro Express Ltd, Larsen & Toubro, and RITES Ltd**
    - **Mauritius Hydrography Service & Mauritius Police Force**
- **Exhibitions**: Featured **India-Mauritius science collaborations**, including:
    - **Metro models, Indian satellites (Mangalyaan, Chandrayaan), PSLV launch vehicle, Dornier aircraft, HAL helicopters** (donated to RGSC by the High Commission of India).
- **Lectures (Daily, 1 hour)**: Topics included **Avionics, Hydrography, Ocean Economy, Mauritius Light Rail, and the Indian Space Programme**.
- **Webinars**: Discussions with Indian scientists on **climate change, agriculture, bridge health monitoring, and SARS-CoV-2 genomic analysis**.
- **Science Shows**: Live experiments by RGSC, including **Hot & Cold Show and Liquid Nitrogen Show**.
- **Treasure Hunts**: Engaging activities for **primary and secondary students**.
- **Helicopter Show**: Visitors explored a **helicopter and met pilots**.
- **Online Quizzes**: STEM quizzes for the public on **general science and Indian scientists**.
- **Science in Media**: Collaboration with **MBC** for **radio discussions, TV SMS games, and phone-in quizzes**.

INDIA-MAURITIUS STEM WEEK











May to June 2022

SN	Activity	Description
1	Live Radio Animation on Best FM and Kool FM from RGSC	Coverage of event + onsite games On 31st May 2022, 01st, 03rd and 04th June 2022
2	"Point Virgule" to discuss on the activities of the India-Mauritius STEM week and the importance of science to society.	A radio programme conducted on 22nd November 2021 on Kool FM
3	TV SMS Game	A TV Quiz by SMS promoted on 5 MBC TV Channels from 31st May to 04th June 2022. Three winners were designated and offered a gift pack worth Rs 3,000 each.
4	Radio Game about General Science Knowledge	A daily phone-in radio quiz on both Best FM and Kool FM from 31st May to 04th June 2022

Winners of TV SMS Game (31st May 2022 to 04 June 2022): 3 participants

Winners of Radio Quiz (31st May 2022 to 04 June 2022): 10 participants

PILLAR 3: Supplementing the educational system in Mauritius

Rajiv Gandhi Science Centre (RGSC) recognises the crucial role of supplementing education in enriching and complementing the formal education system in Mauritius. This pillar focuses on enhancing learning experiences beyond the classroom, providing students and educators with resources, activities, and opportunities that foster a deeper understanding and appreciation of science and technology.

Key Initiatives Under Pillar 3:

Travelling Exhibitions: Mobile exhibitions like "Fly Me into Space" that visited 10 schools, engaging 6000 students in interactive learning experiences about space science and exploration.

Number of participants involved: 12, 460 secondary school students

Science Competitions: Events like the Model Glider Competition and "4-Minute Science" contest, encouraging hands-on learning and scientific communication among students.

Model Glider Competition 2021

The competition is organised annually by RGSC in collaboration with the Aeronautical Society of Mauritius (AeSM). Participants are secondary school students and are divided into two categories: Category 1 (Grade 10) and Category 2 (Grade 12). Teams of four students, guided by a supervising teacher, design and build model gliders. The competition's finale includes testing their gliders, where each team is allowed three flight attempts. Awards are based on the maximum range their gliders achieve during these flights.

In the lead-up to the competition, RGSC organises several preparatory workshops. These sessions provide participants with guidance on designing, constructing, and testing model gliders. Additionally, the workshops aim to familiarise students with basic aerodynamics and flight mechanics, ensuring they have a solid foundation to compete effectively.

In 2021, 49 secondary school teams participated in the preliminaries, and 26 teams advanced to the finals.

Category 1 (Grade 10)	Categry 2 (Grade 12)	Prizes (for both categories)
1st: Sookdeo Bissoondoyal State College	1st: Sookdeo Bissoondoyal State College	1st prize: Rs 8000 & shield
2nd: Manilal Doctor State Secondary School	2nd: John Jennedy College	2nd Prize: Rs 4000 & shield

The Model Glider Competition at RGSC in 2021 highlighted the Centre's dedication to nurturing young scientific talent and promoting hands-on learning experiences in aerospace technology. It served as a catalyst for inspiring the next generation of Mauritian innovators and engineers.

International Day of Women and Girls in Science: Meet the Scientist (Webinar)

On the International Day of Women and Girls in Science, Rajiv Gandhi Science Centre (RGSC) organised a special event titled "Meet the Scientist" Webinar. This event aimed to celebrate and highlight the contributions of women scientists in Mauritius and globally, encouraging young girls to pursue careers in STEM (Science, Technology, Engineering, and Mathematics) also enabled the students to interact with scientists.

Event Highlights:

Date: February 11, 2022, commemorating the International Day of Women and Girls in Science.

Venue: Rajiv Gandhi Science Centre (RGSC).

Objective: To inspire and empower young girls by showcasing successful women scientists and their achievements.

Model Glider Competition

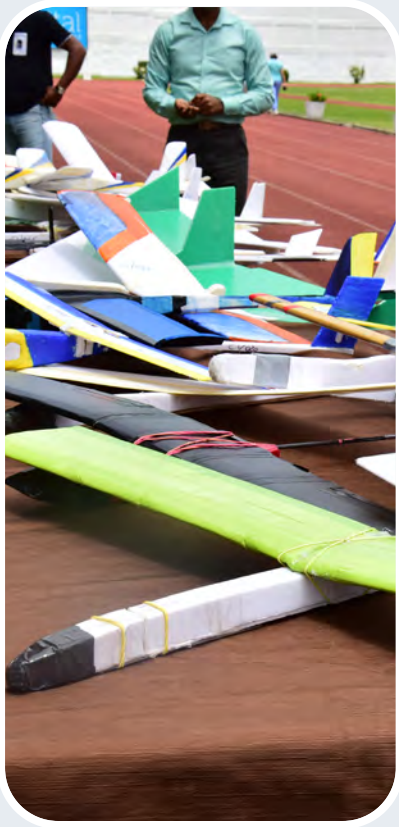
The competition is organised annually by RGSC in collaboration with the Aeronautical Society of Mauritius (AeSM).













July to October 2021

Activities: Featured presentations, panel discussions, and interactive sessions with prominent female scientists from various fields.

Audience: Students, educators, researchers, and the general public interested in promoting gender equality in STEM.

Speakers (scientists):

1. Dr. Jayantee Naugah (Chairperson of the RGSC),
   Chairperson, Rajiv Gandhi Science Centre Trust Fund
2. Mrs. Prerna Roy from the Mauritius Oceanography Institute,
   Associate Research Scientist, Mauritius Oceanography Institute
3. Mrs. Devisha Ittoosingh from the Water Resources Unit,
   Senior Hydrological Officer, Water Resources Unit **and,**
4. Mrs. Ranjeeta Joysury from the Wastewater Management Authority
   Laboratory Manager, Wastewater Management Authority

Impact: Raised awareness about gender disparities in STEM fields and highlighted the importance of inclusivity and diversity in scientific research and innovation.

Conclusion:

"Meet the Scientist" on the International Day of Women and Girls in Science at RGSC reaffirmed the Centre's commitment to promoting women's participation in STEM disciplines, fostering a supportive environment for future generations of female scientists, and contributing to a more inclusive and equitable scientific community.

Online Quiz Competition



Inculcation of online quiz-games in our quest to promote scientific literacy has the potential to generate positive motivation, perceptions and acceptance towards science. This is because the elements of fun, enjoyment and competition in games can make participants, especially students, more motivated and interested in learning science. The search for scientific information and retention is also enhanced.

In the context of India-Mauritius STEM Week 2022, three online quiz competitions were organised. To participate, the public was invited to register their participations online. Registered participants were then invited by e-mail to attempt the quiz designed on an online questionnaire. **The questions were on** general knowledge in Science, Technology, Engineering and Mathematics. **The time allocated was 10 minutes. The details are given in table below:**

Date of Quiz	Participation	Winner 1	Winner 2
01st June 2022	117	Monheswar Doyal	Kian Bissoondial
02nd June 2022	194	Prakash Bissoondial	Tanusha Faugoo
03rd June 2022	152	Monheswar Doyal	Hijaaz Peerboccus

Each winner is awarded a cash prize of Rs 1,000.

Webinars

Webinars are excellent platforms to engage on a one-on-one as well as one-on-many modes with our students and public audiences. The series of webinars conducted for the IMSTEM WK 2022, helped the RGSC reap a variety of benefits from cost and time savings to better dissemination and an enhanced online presence. The High Commission of India supported the RGSC in identifying eminent high profile Indian scientists to discuss on key science and technology areas. The public was invited to connect to the webinars. Details are given in the table:

Title of Webinar	Date and Time	Resource Person	Target Audience	No. of participants
Climate change, Agriculture and Food Security	31st May 2022 @ 14.30 hrs	**Dr. V. Geethalakshmi** Vice Chancellor Tamil Nadu Agricultural University, Republic of India	Students and Public	83
Health Monitoring of Bridges-Indian Railway scenario	02 June 2022 @ 14.30 hrs	**Mr. Shrirang Dharmaji Kamble** General Manager (Urban Infrastructures) and Regional Head (Western Region) in RITES at Mumbai, India.	Students and public	52
Genomic Analysis of SARS-CoV-2: Indian Perspective	03 June 2022 @ 14.30 hrs	**Dr. Saumitra Das, Ph.D., FNA, FASc, FNASc** Professor, Sir J. C. Bose National Fellow Department of Microbiology & Cell Biology Indian Institute of Science, Republic of India	Students and public	31

NATIONAL SCIENCE WEEK 2021

1. "Science in the Media"

The media is considered as one of the prominent vehicles to disseminate scientific information in the public. Scientists consider visibility in the media as one important factor for impactful science communication. To this end, the RGSC innovated in the organisation of the NSW by collaborating with the Mauritius Broadcasting Corporation to conduct radio and TV based activities for the public. A description of the activities held is given below:

SN	Activity	Description
1	Special TV Greeting in the context of World Science Day for Peace and Development 2021	Short awareness clip of 2 mins broadcasted several times per day on MBC TV channels from 06th to 10th November 2021
2	Science Quotes and Sayings of the Day	A radio daily broadcast segment on Best FM from 22nd to 27th November 2021
3	"Point Virgule" to discuss on the activities of the NSW and the importance of science to society.	A radio programme conducted on 22nd November 2021 on Kool FM
4	TV SMS Game	A TV Quiz by SMS promoted on 5 MBC TV Channels from 22nd to 27th November 2021 MBC. Three winners were designated and offered a gift pack worth Rs 3,000 each.
5	Radio Game about General Science Knowledge	A daily radio quiz on both Best FM and Kool FM from 22nd to 27th November 2021by phone

Winners of TV SMS Game (22 to 27 November 2021): 3 winners

Winners of Radio Quiz (22 to 27 November 2021): 12 winners

2. Online Quiz Competition

Inculcation of online quiz-games in our quest to promote scientific literacy has the potential to generate positive motivation, perceptions and acceptance towards science. This is because the elements of fun, enjoyment and competition in games can make participants, especially students, more motivated and interested in learning science. The search for scientific information and retention is also enhanced.

To participate, the public was invited to register their participations online. Registered participants were then invited by e-mail to attempt the quiz designed on an online questionnaire. Each quiz consisted of 30 **multiple choice questions with 3 possibilities of answer. The questions were on** general knowledge in Science, Technology, Engineering and Mathematics. **The time allocated was 12 minutes. The figures for this competition held in the context of NSW are:**

Number of quizzes done: 3

Total number of participants: 1834

Winners & Prize

Two winners are declared for each quiz.

Date of Quiz	Winner 1	Winner 2
22 November 2021	Adnaan B. Jaunnoo	Darshini Rengassamy
24 November 2021	Asha Bissoondial	Ruqayyah B. H. Peerkhan
26 November 2021	Tanush Jalim	Shreyas Seewoopaul

Each winner is awarded a cash prize of Rs 1,000 offered by the Rajiv Gandhi Science Centre.

3. Webinars

With the present sanitary conditions, webinars were found to be an excellent medium to engage on a one-on-one as well as one-on-many with our students and public audiences. The series of webinars conducted for the National Science Week 2021, helped the RGSC reap a variety of benefits from cost and time savings to better dissemination and an enhanced online presence. Integrating this modern communication platform has proved to highly successful, details of which are given in the table:

Title of Webinar	Date	Resource Person	Target Audience	No. of Registrations	No. of Attendees
Planning Your Career by Making an Informed Choice	22 Nov 2021	Mr. S. Mootien, Ministry of Labour, Human Resource Development and Training	Students, secondary	232	189
Balancing Opportunities and Risks of New Technologies for Youngsters	23 Nov 2021	Mr. A. Chenganna, University of Mauritius	Students, secondary & public	135	55
Internet of Things: Making Creativity Open Source	24 Nov 2021	Mr. S. Sathan, University of Mauritius	Students, secondary & public	155	83
Tech-Inventions in Banks	26 Nov 2021	Dr. D. Mauree-Narrainen, University of Technology, Mauritius	Students, secondary & public	78	29
Simply, it's about AI	26 Nov 2021	Dr. P. Jain, Neuro-Cognitive AI and XR Group, C-DAC, Ministry of Electronics & IT, New Delhi, India	S&T Professionals	239	134
International Webinar: Covid-19: A Paradigm Shift in Science Communication?	26 Nov 2021 9.00 to 10.30 (GMT)	*Refer to note	S & T Professionals	75	75

***Resource Person of the International Webinar: Covid-19: A Paradigm Shift in Science Communication?**
1. Dr. Jayantee Naugah, FRSB, Cbiol (UK), PDSM, Chairperson of the Rajiv Gandhi Science Centre Trust Fund Mauritius. **2.** Mr. Daniel Motsapi, ArcelorMittal Science Centre, Sebokeng, President and Chair of SAASTEC, South Africa. **3.** Dr. Derek Fish, Director, Unizulu Science Centre, South Africa. **4.** Mr. Walter Staveloz, Director, Founder of Museumsexperts.org, Former Director of International Relations, ASTC, United States of America **5.** Dr. Linda Conlon, MBE, DL, Chief Executive, International Centre for Life, Newcastle upon Tyne, United Kingdom. **6.** Dr. Stephen Breslin, Chief Executive Officer, Glasgow Science Centre, United Kingdom. **7.** Mr. Samarendra Kumar, Director, National Council of Science Museums, Headquarters, India. **8.** Dr. Graham Durant, AM, Director, Questacon - The National Science and Technology Centre, Australia, **9.** Dr. Aman Kumar Maulloo, Director, Rajiv Gandhi Science Centre, Mauritius, **10.** Dr. B. Kamudu-Applasawmy, Resource Officer/Senior Resource Officer, Rajiv Gandhi Science Centre, Mauritius

Strategic Objective 2: Facilitate the teaching and learning of science in schools amidst COVID 19

The Rajiv Gandhi Science Centre (RGSC) in Mauritius continued its commitment to enhancing science education in schools despite the challenges brought by the COVID-19 pandemic. The pandemic restricted in-person interactions, which affected educational programs, workshops, and hands-on learning. However, RGSC adapted its initiatives to ensure the continued engagement of students in scientific learning.

Educational Programmes Adjustments

COVID-19 disrupted the regular flow of in-person science activities, prompting RGSC to pivot to more flexible methods, incorporating both virtual and physically distant programs where possible.

Key Initiatives:

1. **4-Minute Science:**
    - A new virtual initiative introduced to engage students during the pandemic. This competition encouraged students to present a scientific concept within a four-minute video, promoting clarity of expression and creativity in openly explaining science to people via e-platforms.
2. **Travelling Exhibition:**
    - As schools faced restrictions on field trips, RGSC brought science to students through its **Travelling Exhibitions**. These mobile exhibitions were designed to visit schools in a safe, socially distanced manner, with themes focusing on current scientific topics, such as space exploration and climate change. This initiative helped maintain students' curiosity and interest in science despite the pandemic's limitations on traditional learning environments.
3. **Career Guidance in Schools:**
    - RGSC expanded its **Career Guidance** programs to help students navigate their educational and career paths in science and technology. This program aimed to inspire students to consider STEM careers by providing information on emerging fields in science, sharing success stories, and offering insights into the opportunities available both locally and internationally.

These initiatives ensured that RGSC continued to foster scientific curiosity and support learning during a challenging period, while also maintaining a strong focus on safety and adaptability.

Travelling exhibitions in secondary school

Fly Me into Space Travelling Exhibition Overview

The "Fly Me into Space" Travelling Exhibition is a dynamic educational initiative hosted by Rajiv Gandhi Science Centre (RGSC), designed to inspire and educate secondary school students across Mauritius. This portable exhibition visits schools for up to a week at a time, engaging students in the wonders of space exploration and science.

Fly Me into Space Travelling Exhibition







School sessions 2021-2022

Participating Schools below:

SCHOOL	AUDIENCE REACHED (Students)
College du St Esprit	800
Dr. Maurice Cure State College	700
Sookdeo Bissoondoyal State College	650
Queen Elizabeth College	620
Mahatma Gandhi Institute	750
John Kennedy College	850
Doha Secondary School	600
Eden College Boys	530
Royal College of Port Louis	500
Belle Rose State College	550

Key Details:

Objective: Promote STEM education and ignite interest in aerospace sciences.

Activities: Interactive displays, workshops, and educational sessions on space exploration.

Target Audience: Secondary school students.

Venues: Various secondary schools across Mauritius.

Responsible Officer: RGSC team members.

Highlights: Engaged over 6,000 students in 2021-2022 sessions.

Impact: Fosters curiosity, encourages scientific thinking, and promotes future careers in STEM fields.

The "Fly Me into Space" Travelling Exhibition exemplifies RGSC's commitment to enhancing science education and inspiring the next generation of scientists and innovators in Mauritius.

PILLAR 4: Outreach

Pillar 4 of Rajiv Gandhi Science Centre's (RGSC) mission focuses on outreach, aiming to extend the benefits of science and technology education beyond traditional boundaries. This pillar emphasises reaching diverse audiences, including underserved communities, and promoting scientific literacy and enthusiasm for learning across Mauritius.

Objectives and Goals:

Broadening Access: Ensuring equitable access to science education and resources for all communities, including rural and marginalised groups.

Public Engagement: Engaging the public through interactive exhibitions, demonstrations to raise awareness about scientific advancements and their impact on society.

Inspiration and Awareness: Inspiring curiosity and interest in science, encouraging lifelong learning, and fostering a culture of scientific inquiry.

Community Partnerships: Collaborating with local organisations, schools, and community centres to enhance outreach efforts and maximise impact.

Key Initiatives Under Pillar 4:

Partnerships with NGOs and Government Agencies (online activities): Working together to implement educational programs and initiatives that address societal challenges through science and technology.

Through Pillar 4, RGSC remains committed to fostering a scientifically informed and engaged society, where every individual could explore, learn, and contribute to the advancements of science and technology for the betterment of Mauritius and beyond.

Strategic Objective 1: Bring science to the doorsteps of each and every Mauritian

AfriCAN Code Challenge 2021

The AfriCAN Code Challenge (ACC) 2021 was implemented in line with Pillar 4 (Outreach) of the Rajiv Gandhi Science Centre's Strategic Plan, which aims to enhance public understanding of science and technology and extend access to science education beyond traditional boundaries. Through this initiative, the RGSC provided youngsters aged 8-16 with opportunities to develop digital literacy, computational thinking, and creativity, while fostering interest and awareness in science and technology.

Building on the positive outcome of the 2020 edition, where a Mauritian project ranked 4th at the African level, the 2021 competition enabled RGSC to continue engaging young learners in coding activities despite the constraints of the COVID-19 pandemic. Participants were encouraged to apply basic programming skills using Scratch to design educative games with the theme "Change the World with your Superpowers", promoting the use of technology to address real-world and community-related challenges.



The initiative resulted in the submission of 17 educative projects, involving 32 youngsters and 17 mentors, reflecting growing interest and participation in digital and STEM-related activities. Following an evaluation process conducted by a multi-institutional jury, the three (3) best Mauritian projects were selected to represent the country at the pan-African level under the Africa Code Week framework, demonstrating effective collaboration with national and international partners.

A key outcome of ACC 2021 was the outstanding performance of Mauritius at the continental level, with the project "The Super Recyclers" ranking first in Africa. This achievement highlights the impact of RGSC's outreach initiatives in nurturing young talent, strengthening stakeholder collaboration, and promoting scientific literacy among youth, while enhancing the Centre's visibility at the regional and international levels. The competition which was fully sponsored by the Africa Code Week initiative, contributed directly to RGSC's mission of fostering a scientifically informed, engaged, and innovative society.

PILLAR 5: E-Promotion of Science

Pillar 5 of the Rajiv Gandhi Science Centre (RGSC) focuses on leveraging digital platforms and technology to promote science and scientific literacy across Mauritius. This pillar is designed to enhance outreach, engagement, and education through innovative online strategies, reaching a wide audience and fostering a deeper appreciation for science.

Objectives and Strategies:

Digital Content Creation:

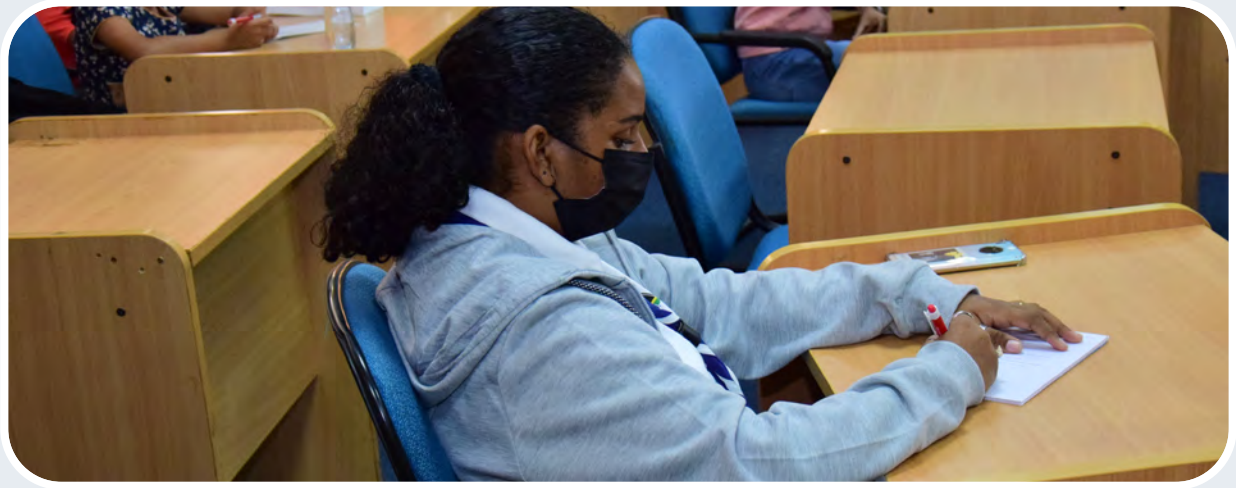
Website Development: Maintaining an informative and user-friendly website that serves as a hub for science-related resources, event updates, and educational materials.

Social Media Presence: Actively engaging with the public through social media platforms such as Facebook to share science news, educational content, and event highlights.

Online Campaigns: Launching targeted campaigns to raise awareness about scientific advancements, sustainability, and the importance of STEM education.

AfriCAN Code Challenge







June 2022

Public Engagement and Interaction:

Science Communication: Encouraging science communication through blogs, articles, and infographics that translate complex scientific concepts into accessible and engaging content for the public.

Virtual Tours and Exhibitions: Offering virtual tours of exhibitions, laboratories, and scientific facilities to provide immersive experiences and insights into ongoing research and innovations

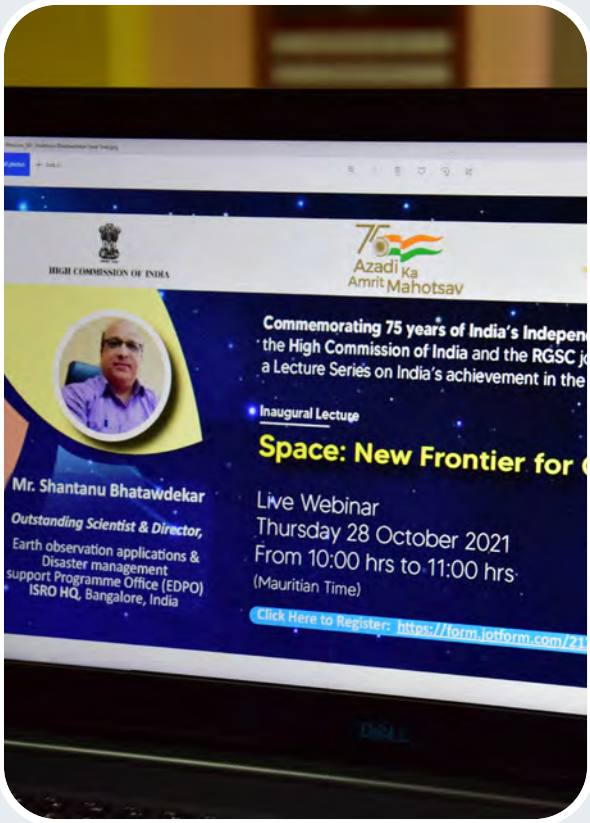
Online Competitions and Contests: Organising science-themed competitions, such as video contests and quizzes, to encourage active participation and creativity among students and the public.

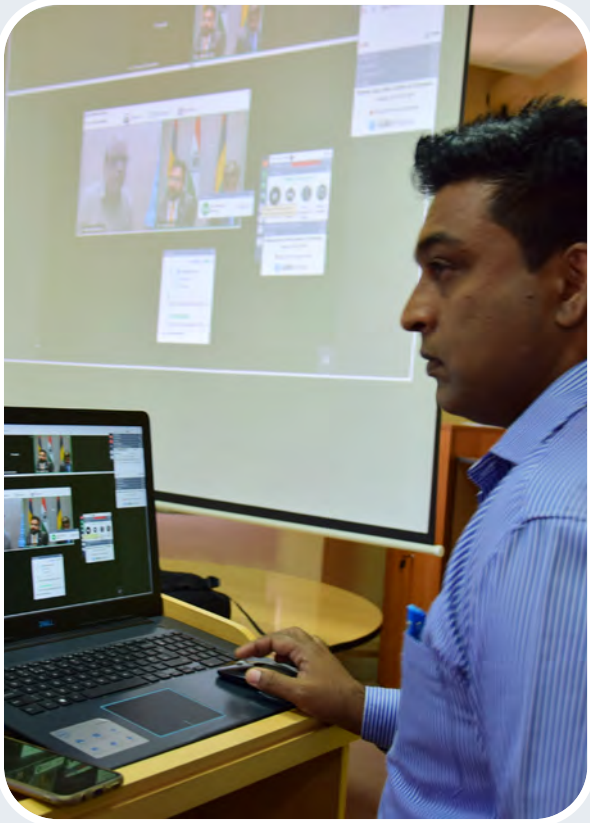
Through Pillar 5, RGSC is dedicated to harnessing the power of digital platforms and e-promotion strategies to democratise access to science, inspire curiosity, and empower individuals to explore the wonders of the natural world and advancements in scientific knowledge.

No.	Date	Webinar Title	Resource Person(s)
1	3 Aug 2021	E-Promotion of Science: Promoting Science and Technology during the COVID-19 Pandemic in Mauritius	Mr. Hemraj Ramsurrun; Mr. Ian Li Kim Khiook
2	28 Oct 2021	India's Achievement in the Scientific Field	Mr. Shantanu Bhatawdekar
3	28 Oct 2021	Planning Your Career by Making an Informed Choice	Mr. Selvom Moothien
4	22 Nov 2021	Balancing the Opportunities and Risks of New Technologies for Youngsters	Mr. A. Chenganna
5	23 Nov 2021	Rethinking Education in Post-COVID-19 Era: The Role of Science and Technology	Mr. Ricaud G. Danyel Auckbur; Dr. Fawzia B. Narod; Dr. Kishore Boodhoo; Mr. Bhumesh Jankee; Mr. Munsoo Kurrimbaccus; Mrs. Patricia Pierre
6	24 Nov 2021	Internet of Things Making: Creativity Open Source	Mr. Selvanaden Sathan
7	24 Nov 2021	Re-inventing and Re-adapting the SMEs in Post-COVID-19 Era: The Role of Science and Technology	Mr. Ravin Rampersad Dr. Vikram Bissonauth Mr. Hemant Kumar Mooroteea Mr. Ved Seebun Mr. Daden Venkatasawmy
8	25 Nov 2021	Tech Inventions in Banks	Dr. Diroubinee Mauree-Narrainen
9	26 Nov 2021	Artificial Intelligence (AI)	Dr. Priyanka Jain
10	26 Nov 2021	Meet the Scientist – International Day for Women and Girls in Science	Dr. Jayantee Naugah Mr. Daniel Motsapi Dr. Derek Fish Mr. Walter Staveloz Dr. Linda Conlon Dr. Stephen Breslin Mr. Samarendra Kumar Dr. Graham Durant Dr. Aman Kumar Maulloo

No.	Date	Webinar Title	Resource Person(s)
11	11 Feb 2021	World Water Day – Water Unites Us	Dr. Jayantee Naugah Mrs. Perna Roy Mrs. Devisha Ittoosingh Mrs. Ranjeeta Joysury
12	22 Mar 2021	Why Light Matters?	Mr. Anshu Prakash Murdan Dr. Nadeem OozeerDr. Lien Smeesters
13	16 May 2021	India-Mauritius STEM Week: Climate Change	Dr. V. Geethalakshmi
14	31 May 2021	Health Monitoring of Bridges – Indian Railway Scenario	Mr. Shrirang Dharmaji Kamble
15	2 Jun 2021	India-Mauritius STEM Week: Genomic Analysis of SARS-CoV-2: Indian Perspective	Dr. Saumitra Das
16	3 Jun 2021	International Asteroid Day: Discovering Space Technologies	Dr. Pooja Surajbali Dr. Doorgesh Kodi Ramanah
17	30 Jun 2021	Space: New Frontier for Cooperation	Mr. Shantanu Bhatawdekar

Snapshots of webinars



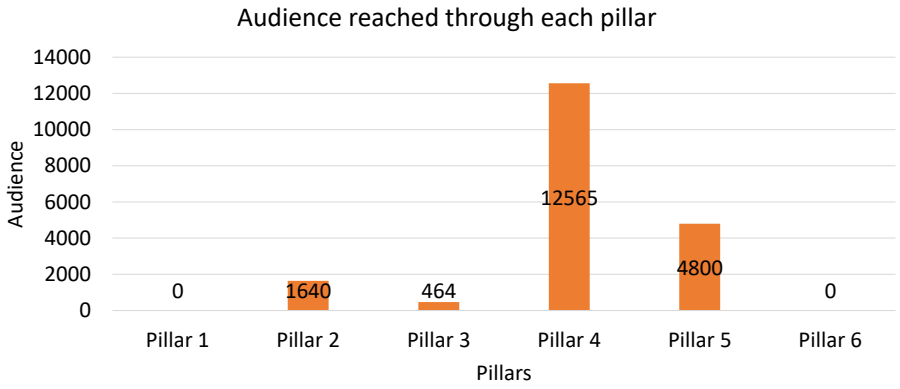




May to June 2022

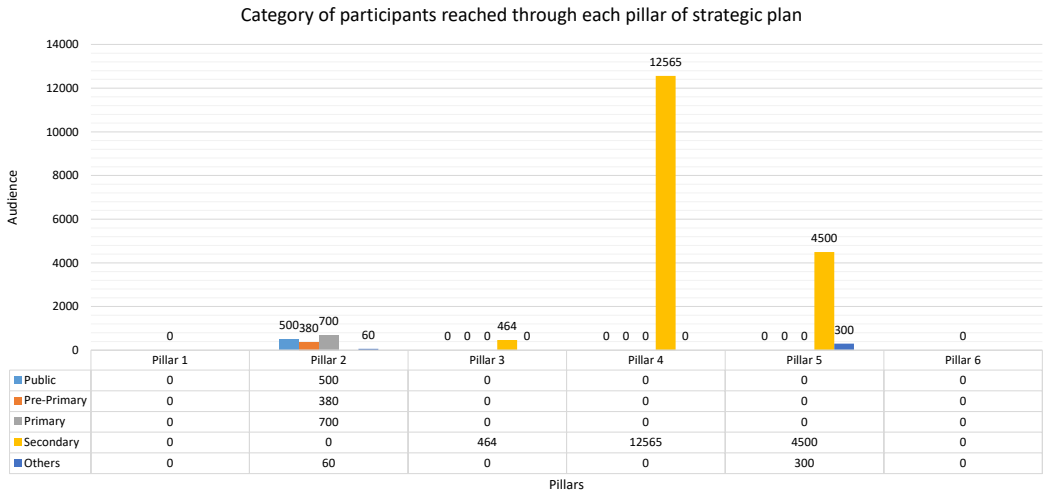
6. STATISTICAL REVIEW

The chart below shows the audience reached through each pillar amounting to a total of 19,469 people, including the paid visits to our galleries. Each pillar has its own special programmes such as National Science Week (Pillar 2), Science Quest (Pillar 3) and Sky Observation Programme (Pillar 3).



Legend			
Pillar 1	The Centre	Pillar 4	Outreach activities
Pillar 2	Visitors Management	Pillar 5	E-Promotion of Science
Pillar 3	Supplementing the Education System	Pillar 6	Research and Development

All the activities of RGSC target specific groups such as primary students, teachers and public, etc. An analysis of the audience reached through each category is shown in the Pie Chart below. It can be seen that secondary students represent the majority with 90% participation.



	Pillar 1	Pillar 2	Pillar 3	Pillar 4	Pillar 5	Pillar 6
Public	0	500	0	0	0	0
Pre-Primary	0	380	0	0	0	0
Primary	0	700	0	0	0	0
Secondary	0	0	464	12565	4500	0
Others	0	60	0	0	300	0

Legend			
Pillar 1	The Centre	Pillar 4	Outreach activities
Pillar 2	Visitors Management	Pillar 5	E-Promotion of Science
Pillar 3	Supplementing the Education System	Pillar 6	Research and Development

A detailed analysis of the pillars is provided below. Pillar 2, which focuses on the Centre's activities, highlights that National Science Week continues to engage the largest public audience. Pillar 3 specifically targets students, with a primary focus on secondary school students. Pillar4, managed by RGSC, encompasses numerous outreach activities aimed at a diverse audience, with "Fly me into Space" Travelling Exhibition reaching the widest audience.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2022

FINANCIAL STATEMENTS
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RAJIV GANDHI SCIENCE CENTRE TRUST FUND
STATEMENT OF FINANCIAL POSITION
AS AT 30 JUNE 2022

	Note	30-Jun 2022 Rs	30-Jun 2021 Rs
ASSETS			
CURRENT ASSETS			
Cash and Cash Equivalents	5	6,404,200	7,512,023
Receivables and Prepayments	6	71,923	28,451
Car Loan - Short Term	7	216,168	216,168
Inventories	8	577,102	577,102
		7,269,393	**8,333,744**
NON CURRENT ASSETS			
Car Loan - Long Term	7	162,446	378,614
Property, Plant & Equipment	9	98,823,091	101,373,041
Intangible Assets	10	70,556	54,475
		99,056,093	**101,806,130**
TOTAL ASSETS		**106,325,486**	**110,139,874**
LIABILITIES			
CURRENT LIABILITIES			
Payables	12	872,222	1,108,101
Car Loan- Short Term	13	216,168	216,168
Employee Benefits - Short Term	14	541,390	444,701
		1,629,780	**1,768,970**
NON CURRENT LIABILITIES			
Car Loan- Long Term	13	180,298	396,466
Employee Benefits - Long Term	14	11,493,797	10,287,101
Pension Liability	11	7,037,129	2,493,881
		18,711,224	**13,177,448**
TOTAL LIABILITIES		**20,341,004**	**14,946,418**
NET ASSETS		**85,984,482**	**95,193,456**
EQUITY			
General Fund		85,984,482	95,193,456
TOTAL EQUITY		**85,984,482**	**95,193,456**

The notes on pages 54 to 68 form an integral part of these Financial Statements.

Approved by the Board of The Rajiv Gandhi Science Centre Trust Fund Board on 12 February 2026.

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Mr Rishi Raj Sharma Hauzaree
Board Member

RAJIV GANDHI SCIENCE CENTRE TRUST FUND ★ OLD MOKA RD. BELLE VILLAGE ★

.....
Mr Partish Chumroo
Chairperson

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
STATEMENT OF FINANCIAL PERFORMANCE
FOR THE YEAR ENDED 30 JUNE 2022

	Note	30-Jun 2022	30-Jun 2021
		Rs	Rs
REVENUE			
Revenue from Exchange Transactions	**15.1**	109,821	159,820
Revenue from Non Exchange Transactions	**15.2**	30,553,811	26,061,099
TOTAL REVENUE		**30,663,632**	**26,220,920**
EXPENSES			
Staff Costs	**16**	24,674,421	21,750,797
Supplies and Consumables	**17**	3,892,083	3,976,018
Other Operating Expense	**18**	2,660,499	2,090,916
Depreciation and amortisation expense	**19**	4,333,832	4,886,056
TOTAL EXPENSES		**35,560,835**	**32,703,787**
(DEFICIT)		**(4,897,203)**	**(6,482,868)**

The notes on pages 54 to 68 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 2022

	General Fund
	Rs
Balance as at 1 July 2020	**98,001,921**
(Loss) for the year	**(6,482,868)**
Prior Year Adjustment	**(4,000)**
Remeasurement of Actuarial Loss	**3,678,403**
Balance as at 30 June 2021	**95,193,456**
Balance as at 1 July 2021	**95,193,456**
(Loss) for the year	**(4,897,203)**
Remeasurement of Actuarial Gain	**(4,311,771)**
Balance as at 30 June 2022	**85,984,482**

The notes on pages 54 to 68 form an integral part of these Financial Statements.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
CASH FLOW STATEMENT
FOR THE YEAR ENDED 30 JUNE 2022

	30-Jun 2022 Rs	30-Jun 2021 Rs
CASH FLOW FROM OPERATING ACTIVITIES		
(Deficit) for the year	**(4,897,203)**	**(6,482,868)**
Adjustments for:		
Depreciation and amortisation expense	4,333,832	4,886,056
Pension Liability	4,543,248	(3,366,622)
Remeasurement of Actuarial Gain	(4,311,771)	3,678,403
Prior Year Adjustments	-	(4,000)
Operating Profit before working capital changes	**(331,894)**	**(1,289,031)**
Changes in Working Capital:		
Decrease in Receivables	172,695	258,868
Decrease in Inventories	-	264,147
Increase in Payables	(452,046)	130,193
Increase in Employee Benefits	1,303,385	1,691,140
NET CASH FLOWS FROM OPERATING ACTIVITIES	**692,140**	**1,055,317**
CASH FLOW FROM INVESTING ACTIVITIES		
Purchase of Non Current Assets	(1,799,962)	(1,578,516)
NET CASH FLOWS FROM INVESTING ACTIVITIES	**(1,799,962)**	**(1,578,516)**
CASH FLOW FROM FINANCING ACTIVITIES		
Proceeds from Car Loan	**(216,168)**	(224,866)
Repayment of Car Loan	**216,168**	224,866
NET CASH FLOWS FROM FINANCING ACTIVITIES	**-**	**-**
NET DECREASE IN CASH AND CASH EQUIVALENT	**(1,107,822)**	**(523,199)**
CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD	7,512,023	8,035,222
CASH AND CASH EQUIVALENTS AT END OF PERIOD	**6,404,200**	**7,512,023**

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	6,398,248	7,512,023
Cash in hand	5,952	-
Cash and cash equivalents at end of period	**6,404,200**	**7,512,023**

The notes on pages 54 to 68 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 2022

	Budgeted Amounts		Actual Amounts on Comparable	Difference Original and Final Budget	Notes	Difference Final Budget and Actual	Notes
	Original	Final					
	Rs	Rs	Rs	Rs		Rs	
RECEIPTS:							
Recurrent Grant							
Recurrent Grant	24,000,000	24,000,000	27,376,000	-		3,376,000	20.2.1
Other Income	150,000	150,000	289,718	-		139,718	
Sub Total	***24,150,000***	***24,150,000***	***27,665,718***	**-**		***3,515,718***	
Capital Grant							
Capital Grant	2,800,000	2,800,000	2,397,344	-		(402,656)	
Upgrading of Electrical Network	1,500,000	1,500,000	-	-		(1,500,000)	20.2.2
Major Upgrading Works	3,000,000	3,000,000	-	-		(3,000,000)	
Sub Total	***7,300,000***	***7,300,000***	***2,397,344***	**-**		***(4,902,656)***	
Total Receipts	**31,450,000**	**31,450,000**	**30,063,062**	**-**		**(1,386,938)**	
PAYMENTS:							
Recurrent Expenditure							
Personal Emoluments	19,494,000	21,570,217	24,674,421	2,076,217	20.1.1	(3,104,204)	20.2.3
Cost of Utilities	1,047,000	982,664	975,997	(64,336)		6,667	
Fuel and Oil	55,000	59,129	83,296	4,129		(24,167)	
Office Expenses	86,000	121,415	58,217	35,415		63,198	
Maintenance & Repairs	210,000	356,787	566,911	146,787	20.1.2	(210,124)	20.2.4
Cleaning Services	420,000	465,465	472,954	45,465	20.1.3	(7,489)	
Security Services	1,560,000	1,544,635	1,564,417	(15,365)		(19,782)	
Publications & Stationery	70,000	155,007	165,547	85,007		-	
Fees	605,000	732,177	486,238	127,177	20.1.4	245,939	20.2.5
Other Goods & Services	303,000	291,938	634,822	(11,062)		(342,884)	20.2.6
RGSC Activities	150,000	186,430	1,511,253	36,430	20.1.5	(1,324,823)	20.2.7
Sub Total	***24,000,000***	***26,465,864***	***31,194,075***	***2,465,864***		***(4,717,671)***	
ADDITIONS TO NON CURRENT ASSETS	**2,800,000**	**2,800,000**	**1,750,455**	**-**		**1,049,545**	
TOTAL PAYMENTS	**26,800,000**	**29,265,864**	**32,944,529**	**2,465,864**		**(3,668,126)**	

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

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.

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 Financial Year 01 July 2021 to 30 June 2022. Comparative figures relate to the Financial Year 1 July 2020 to 30 June 2021.

(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 41- Financial Intruments (Effective for accounting period beginning on or after 1 January 2022)

IPSAS 41 prescribe the accounting and disclosure for financial instrutments. The objective of this standard is to establish principles for the financial reportting of financial assets and financial liabilities that will present relevant and useful information to users of financial statements for their assessment of the amounts, timing and uncertainty of an entity's future cash flows.

(b) IPSAS 42- Social Benefits (Effective for accounting period beginning on or after 1 January 2022)

IPSAS 42 prescribe the accounting and disclosure for social benefits. The objective of this standard is to improve the relevance, faithful representativeness and comparability of the information that a reporting entity provides in its financial statements about social benefits as defined in this standard. The information provided should help users of the financial statements and general purpose financial reports to assess:

(i) The nature of such social benefits provided by the entity;

(ii) The key features of the operation of those social benefit schemes; and

(iii) The impact of such social benefits provided on the entity's financial performance, financial position and cash flows.

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, Tertiary Education, Science & Technology.

Necessary action has been taken for the transfer.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
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FOR THE YEAR ENDED 30 JUNE 2022

4 ACCOUNTING POLICIES

4.1 Property, plant and equipment

(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 2021/22.

(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.

(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 ACCOUNTING POLICIES (Cont.)

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.

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 ACCOUNTING POLICIES (Cont.)

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.

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 SICOM Ltd. The cost of providing the benefits is actuarially determined using the projected unit credit method.

IPSAS 25 pertaining to pension benefits has been repealed and a new standard on pensions; IPSAS 39 is effective for annual financial statements covering periods beginning on or after 1 January 2018. There have been significant changes to the pension benefit disclosures and these changes being applicable as from 1 July 2018 has major impact on the accounting disclosures and reporting for the financial year 2018/2019 and the preceeding year.

The main areas of changes are as follows:

Statement of Financial Position
Currently IPSAS permit public sector entities to defer the recognition of certain actuarial gains and losses arising from defined benefit plans (the "corridor approach"). IPSAS 39 removed the "corridor approach". This means that the actuarial gains and losses should be recognized immediately in the Statement of Financial Position. The remeasurements are recognized in Net Assets/ Equity in the period in which they occur. A surplus is recognized as a net defined benefit asset and a deficit as a net

Statement of Financial Performance
As regards the Statement of Financial Performance, the two items (interest cost and expected return) will be replaced by a single item: the "Net Interest Expense/ Revenue". For this purpose, the assumption for the discount rate and the expected rate of return on plan assets will be the same.

Other changes:

(i) More disclosures in terms of description of risk exposure, plan amendments and actuarial assumptions used.

(ii) Sensitivity analysis, i.e. the effect of a change in each major actuarial assumption on the Defined Benefit Obligation.

(ii) IPSAS 39 makes explicit the mortality assumptions used to determine the defined benefit obligation are the best estimate of the mortality plan members both during and after employment.

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.

4.6.4 Car loans

Car loans are disbursed to the Rajiv Gandhi Science Centre Trust Fund by the Ministry of Education, Tertiary Education, Science & Technology 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 ACCOUNTING POLICIES (Cont.)

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.

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 2020.

4 ACCOUNTING POLICIES (Cont.)

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.

4.12 Comparative Figures

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

	30-Jun 2022 Rs	30-Jun 2021 Rs
5. CASH AND CASH EQUIVALENTS		
Cash at bank	6,398,248	7,512,023
Cash in hand	5,952	-
	6,404,200	**7,512,023**

The Rajiv Gandhi Science Centre Trust Fund has no undrawn borrowing facilities.

6. RECEIVABLES AND PREPAYMENTS		
Prepayments	43,472	-
Car Loan	28,451	28,451
	71,923	**28,451**
7. RECEIVABLES CAR LOAN		
Movement in car loans were as follows:		
Opening Balance	594,782	819,648
Loan released to staff	-	-
Loan refunded by Staff	(216,168)	(224,866)
Closing Balance	**378,614**	**594,782**
Less: Amount falling due within one year	(216,168)	(216,168)
Amount falling due after one year	**162,446**	**378,614**
8. INVENTORIES		
Inventories	**577,102**	**577,102**

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9. NON CURRENT ASSETS - PROPERTY, PLANT & EQUIPMENT

COST	Buildings Rs	Office Furniture & Fittings Rs	Office Equipment & Tools Rs	Exhibits Rs	Motor Vehicles Rs	Plant & Machinery Rs	TOTAL Rs
1 July 2021	139,069,550	4,651,693	16,166,432	36,423,712	3,707,780	449,399	**200,468,565**
Additions	249,030	58,980	1,356,754	85,691	-	-	**1,750,455**
At 30 June 2022	**139,318,580**	**4,710,673**	**17,523,186**	**36,509,402**	**3,707,780**	**449,399**	**202,219,019**
DEPRECIATION							
1 July 2021	41,091,499	3,701,221	14,437,612	36,232,870	3,434,178	198,143	**99,095,524**
Charge for the period	2,786,372	173,661	874,827	106,044	273,599	85,903	**4,300,405**
At 30 June 2022	**43,877,870**	**3,874,882**	**15,312,439**	**36,338,914**	**3,707,777**	**284,046**	**103,395,929**
NET BOOK VALUE							
At 30 June 2022	**95,440,710**	**835,791**	**2,210,747**	**170,488**	**3**	**165,353**	**98,823,091**
At 30 June 2021	**97,978,051**	**950,472**	**1,728,819**	**190,842**	**273,602**	**251,255**	**101,373,041**

10. NON CURRENT ASSETS - INTANGIBLE ASSETS

	Rs
COST	
1 July 2021	392,920
Additions	49,508
At 30 June 2022	**442,428**
DEPRECIATION	
1 July 2021	338,445
Charge for the year	33,427
At 30 June 2022	**371,872**
NET BOOK VALUE	
At 30 June 2022	**70,556**
At 30 June 2021	**54,475**

11 PENSION LIABILITY

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 2022 are reported hereunder:-

	30-Jun 2022	30-Jun 2021
Amounts recognised in statement of financial position at end of year;	**Rs**	**Rs**
Present value of unfunded obligation	37,010,428	30,851,200
(Fair value of plan assets)	(29,973,299)	(28,357,319)
Liability recognised in statement of financial Position at end of year	7,037,129	2,493,881
Amounts recognised in statement of financial performance:		
Current service cost	1,870,484	1,622,716
(Employee contributions)	(585,296)	(512,814)
Fund expenses	35,116	30,766
Net Interest expense/(revenue)	81,677	196,609
P & L Charge	1,401,981	1,337,277
Remeasurement		
Liability (gain)/Loss	2,746,184	(2,842,331)
Asset (gain)/ Loss	1,565,587	(836,072)
Net Assets/ Equity (NAE)	4,311,771	(3,678,403)
Total	**5,713,752**	**(2,341,126)**
Movements in liability recognised in the Statement of Financial Position:		
At start of year	2,493,881	5,860,503
Amount recognised in the Statement of Financial Performance	1,401,981	1,337,277
(Past Service Liability Contribution)	-	-
(Contributions paid by employer)	(1,170,504)	(1,025,496)
Amount recognised in NAE	4,311,771	(3,678,403)
At end of year	**7,037,129**	**2,493,881**

The plan is exposed to acutarial risks such as : investment risk, interest rate risk, longetivity risk and salary risk. The cost of providing the benefits is determined using the Projected Unit Method. The principal assumptions used for the purpose of the actuarial valuation were as follows:

Main actuarial assumptions at end of year:		
Discount rate	5.00%	5.00%
Future salary increases	3.50%	3.00%
Future pension increases	2.50%	2.00%
Mortality before retirement	Nil	
Mortaility in retirement	PA (90) Tables rated down by 2 years	
Retirement age	65 Years	

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

Sensitivity Analysis of Assumptions used for the determination of Defined Benefit Obligation

Significant actuarial assumptions for determinination of the defined benefit obligation are discount rate, expected salary increase and mortality. The sensitivity analysis below have been determined based reasonably on possible changes of the assumptions occuring at the end of the reporting period.

If the discount rate would be 100 basis points (one percent) higher (lower), the defined benefit obligation would decrease by Rs 6.6M (increase by Rs 8.5M) if all other assumptions were held unchanged.

If the expected salary growth would increase (decrease) by 1%, the defined benefit obligation would increase by Rs 5.2M (decrease by Rs 4.5M) if all assumptions were held unchanged.

If life expectancy would increase (decrease) by one year, the defined benefit obligation would increase by Rs 0.9M (decrease by Rs 0.9M) if all assumptions were held unchanged.

In reality one might expect interrelationships between the assumptions, especially between discount rate and expected salary increases, given that both depends to a certain extent on inflation rates. The analysis above abstracts from these interdependence between the assumptions.

	30-Jun 2022 Rs	30-Jun 2021 Rs
11 PENSION LIABILITY		
Defined benefit pension plan (Continued)		
Reconciliation of the present value of defined benefit obligation		
Present value of obligation at start of period	30,851,200	30,881,863
Current service cost	1,870,484	1,622,716
Interest cost	1,542,560	1,188,952
(Benefits paid)	-	-
Liability (gain)/loss	2,746,184	(2,842,331)
Present value of obligation at end of period	**37,010,428**	**30,851,200**
Reconciliation of fair value of plan assets		
Fair value of plan assets at start of period	28,357,319	25,021,360
Expected return on plan assets	1,460,883	992,343
Employer contributions	1,170,504	1,025,496
Employer contributions	585,296	512,814
Past service liability contribution	-	-
(Benefits paid + other outgo)	(35,116)	(30,766)
Asset gain/(loss)	(1,565,587)	836,072
Fair value of plan assets at end of period	**29,973,299**	**28,357,319**
Distribution of plan assets at end of period		
Percentage of assets at end of year		
Government securities and cash	58.0%	54.8%
Loans	2.9%	2.8%
Local equities	13.6%	11.8%
Overseas bonds and equities	25.0%	30.1%
Property	0.5%	0.5%
Total	100.0%	100.00%

Additional disclosure on assets issued or used by the reporting entity

	30-Jun-22	30-Jun-21
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

Components of the amount recognised in NAE

Year	30-Jun-22	30-Jun-21
Currency	**Rs**	**Rs**
Asset experience gain/(loss) during the period	(1,565,587)	836,072
Liability experience gain/(loss) during the period	(2,812,284)	2,842,331
Liability gain/(loss) due to change in financial assumptions	66,100	
	(4,311,771)	3,678,403

Year	**2022/2023**
Expected employer contributions	1,200,219

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
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	30-Jun 2022 Rs	30-Jun 2021 Rs
12 PAYABLES		
Accrued Expenses	845,665	1,081,543.60
Car Loan	26,557	26,557
Total	**872,222**	**1,108,101**
13 CAR LOAN		
Movement in car loans were as follows:		
Opening Balance	**612,634**	**837,500**
Loan refunded by Staff paid to Ministry	(216,168)	(224,866)
Closing Balance	**396,466**	**612,634**
Less: Amount falling due within one year	(216,168)	(216,168)
Amount falling due after one year	**180,298**	**396,466**

14 EMPLOYEE BENEFITS

Employee benefits represent sick leaves, vacation leaves and passage benefits accrued by staff and payable either on

Short term:		
Sick leave benefits	541,390	444,701
Total	**541,390**	**444,701**
Long term:		
Sick leave benefits	5,396,042	4,527,464
Passage benefits	1,269,517	1,745,439
Vacation leave benefits	4,828,239	4,014,198
Total	**11,493,797**	**10,287,101**

15 REVENUE

15.1 REVENUE FROM EXCHANGE TRANSACTION

Entry tickets	19,925	20,085
Rent of Auditorium and Seminar room	49,750	125,750.00
Other Income	40,146	13,985
	109,821	**159,820**

15.2 REVENUE FROM NON-EXCHANGE TRANSACTION

Government of Mauritius - Recurrent	27,376,000	23,193,681
Government of Mauritius - Capital	2,397,344	2,165,745
Sponsorship	362,763	150,593
Other Grant- NSW	179,897	282,018
Refund under YEP	237,806	269,062
	30,553,811	**26,061,099**

	30-Jun 2022 Rs	30-Jun 2021 Rs
16 STAFF COSTS		
Breakdown of Staff costs:		
Basic Salary	13,704,534	12,299,030
Compensation 2017	19,250	58,881
Compensation 2018	54,000	161,803
Compensation 2019	60,000	179,781
Compensation 2020	39,000	118,635
Compensation 2021	48,750	72,000
Compensation 2022	90,000	-
Uniform Allowance	167,646	148,582
Overtime	19,032	13,045
Cellular allowance	15,155	16,800
Acting Allowance	150,440	587,812
Internet Allowance	11,400	6,000
Cash in lieu of sick leave (Accumulated) & Bank	1,528,334	690,117
End-of-year bonus	1,168,982	1,067,372
Refund Bus Fares	696,986	592,014
Travel Grant/Mileage Allowance	1,300,422	1,229,298
Passage Benefits	568,099	582,129
Vacation Leave	814,041	454,934
Stipend YEP Trainees	236,174	-
Medical Examination for Employees	18,400	30,500
Allowance Committee	23,976	815
Work From Home Allowance	20,001	16,747
Arrears salary PRB Report 2021	444,197	426,240
Actual Social Contributions :		
Contributions to "Contribution Sociale Generalise"	993,701	656,980
Contributions to the "Civil Service FPS Fund"	18,104	16,620
Contributions to the "National Savings Fund"	219,745	251,889
Contribution to the "SICOM 2% FPS Fund"	272,058	237,354
Contribution to the "Defined Benefit Scheme"	1,401,981	1,337,277
Contribution to the "Defined Contribution Scheme"	570,013	498,142
	24,674,421	**21,750,797**
17 SUPPLIES AND CONSUMABLES		
COST OF UTILITIES		
Electricity	725,601	731,663
Telephone	234,705	197,758
Water charges	15,691	37,932
FUEL AND OIL		
Fuel and Oil - Vehicles	83,296	49,742
OFFICE AND OTHER EXPENSES		
Miscellaneous Expenses and Office Sundries	35,422	38,528
Postage	22,795	43,151
Magazines/Newspapers/ News Service	-	5,657
MAINTENANCE		
Repairs/Maintenance - Building	182,290	320,463
Maintenance - Exhibits	22,159	23,870
Maintenance - Furniture, Fixtures & Fittings	-	719
Maintenance - Office Equipment	292,751	391,639
Maintenance - Plant & Machinery	51,891	29,616
Maintenance - Vehicles	17,821	29,373
CLEANING SERVICES		
Cleaning Services - Cleaning of Office Premises	472,954	613,612
SECURITY SERVICES		
Security services	1,564,417	1,386,731
PUBLICATIONS AND STATIONERY		
Printing and Stationery	165,547	75,567
Publicity/Advertising	4,744	-
Total	**3,892,083**	**3,976,018**

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	30-Jun 2022 Rs	30-Jun 2021 Rs
18 OTHER OPERATING EXPENSES		
18.1 Breakdown of Operating Expenses:		
Fees to Chairman and Members of Boards and Committees	486,238	566,903
Professional/Legal Fees	198,450	78,000
Inspection and audit fees	-	-
TDS Rent	7,588	-
Stipend Trainee/Volunteer	41,986	342,767
Bank charges	20,750	16,635
Insurance & Indemnity (Buildings)	172,239	172,038
Insurance - Vehicles & Road Tax	54,568	100,024
Staff Welfare	20,597	-
Renewal of Software licences	-	80,000
Materials	146,830	118,905
Board Expenses	-	8,864
Indemnity	-	333,826
RGSC ACTIVITIES (Note 19.2)	1,511,253	272,954
Total	**2,660,499**	**2,090,916**
18.2 Breakdown of RGSC Activities:		
National Science Week	245,833	228,964
Africa Code Week	143,681	41,198
Planetarium- exploration exercise	906,894	-
Other RGSC Activities	214,845	2,793
	1,511,253	**272,954**
19 DEPRECIATION & AMORTISATION		
Depreciation of Property, Plant & Equipment (Notes 9)	4,300,405	4,848,616
Amortisation of Intangible Assets (Notes 10)	33,427	37,440
	4,333,832	**4,886,056**

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

20 BUDGET

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

20.1.1 The Provision for Personal Emoluments were revised upwards in line with the implementation of PRB 2021 Report.

20.1.2 Provision was reviewed upwards taking into consideration actual expenditure incurred for the last six months for maintenance of equipment and building/ premises.

20.1.3 A new Remuneration Order for the Security Services Sector was in force in 2019. The provision for security services was increased in line with the new contractual term of service provider.

20.1.4 Following the implementation of PRB 2021 Report, the provision for fees payable for Chairperson & Committees has been revised.

20.1.5 Provision was reviewed upwards taking into consideration actual expenditure incurred for the last six months for RGSC activities.

20.2 Explanations on difference between the Final Budget and Actual Amounts

20.2.1 Recurrent Grant received from Government catered for provision of funding in relation to payment of arrears of emoluments following the implementation of PRB 2021 Report.

20.2.2 Upgrading of electrical and other major upgrading works could not be carried out during the financial year due to delays in tender proceedings.

20.2.3 There was savings under "Personal Emoluments" following the payment of arrears of emolumentsin line with the implementation of PRB 2021 Report.

20.2.4 There was urgent need to carry out the major repair and maintenance works to ensure the activities relating to promotion of science.

20.2.5 There was savings under "Fees payable for Chairperson and members of Committees" following the payment of arrears of fees in line with the implementation of PRB 2021 Report.

20.2.6 Increase in expenditure on Other Goods and services is mainly due to procurement of laboratory consumables and increase in Professional fees.

20.2.7 RGSC organised various major activities for the promotion of science, mainly the National Science Week. Also, RGSC carried out exploration exercise for Planetarium Project.

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 2022, the Rajiv Gandhi Science Centre Trust Fund had 39 employees on permanent and pensionable establishment.

RAJIV GANDHI SCIENCE CENTRE TRUST FUND
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

	30-Jun 2022 Rs	30-Jun 2021 Rs

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:

Director	2,154,393	1,894,408
Heads of Division/ Section	5,982,321	5,755,852
Total	**8,136,714**	**7,650,260**

24 BOARD OF DIRECTORS REMUNERATION

Chairperson fees	378,624	359,100
Other Board Directors fees	107,614	124,110
Total	**486,238**	**483,210**

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.

ANNUAL REPORT 2021-2022

RAJIV GANDHI SCIENCE CENTRE
Old Moka Rd, Bell Village