



ශ්‍රී ලංකා නව නිපැයුම්කරුවන්ගේ කොමිෂම
இலங்கை புத்தாக்குனர் ஆணைக்குழு
SRI LANKA INVENTORS COMMISSION



වාර්ෂික වාර්තාව
வருடாந்த அறிக்கை
ANNUAL REPORT

2020



නිපුණතා සංවර්ධන, වෘත්තීය අධ්‍යාපන, පර්යේෂණ හා නව නිපැයුම් රාජ්‍ය අමාත්‍යාංශය
திறன் அபிவிருத்தி, தொழில் கல்வி, ஆராய்ச்சி மற்றும் புத்தாக்க இராஜாங்க அமைச்சு
State Ministry of Skills Development, Vocational Education, Research & Innovation

Annual Report - 2020



Sri Lanka Inventors Commission

(State Ministry of Skills Development, Vocational Education,
Research & Innovation)



Sri Lanka Inventors Commission

Address : 46 & 48, Cotta Road, Colombo 08.

Telephone: 011-2676650 Fax: 011-2676646

Email : info@slc.gov.lk Web: www.slc.gov.lk



Table of Content

Members of the Commission	4
Members of the Audit and Management Committee	5
Message of the Commissioner	6
Message of the Former Commissioner	7-8
1. Sri Lanka Inventors Commission	9
1.1 Introduction	9
1.2 Vision	9
1.3 Mission	9
1.4 Objectives	9
1.5 Powers Functions and Duties of the Commission	10
1.6 Organizational Structure	11
1.7 Human Resources	12
2. Main projects and programmes implemented in year 2020	13
2.1 “Sahasak Nimavum 2020” International Inventions and Innovations Exhibition & Competition to connect Sri Lanka to the world through innovations	13-14
2.2 New procedure for effective commercialization of inventions and innovations	15
2.3 IAFM-SL (Innovation Accelerator Funding Mechanism for Sri Lanka) project for commercialization of inventions	15
2.4 “Nawa Nipayum Diriya” for establishment of commercial base for inventions	15-16
2.5 Establishment of Technology Incubation Centers to give technical assistance to inventors	17
2.6 Build up national and international collaboration for commercialization of inventions	18
2.7 Establishment of Young Inventors Clubs - way forward Sri Lankan Innovative Culture	19-20
2.8 Assistance for inventors to protect intellectual property right at national and international levels	21
2.9 Innovative solutions for timely social problems	22-31
2.10 International Summit to expose inventions - “From Innovation to Impact - FITI ”	32
2.11 Participation at international invention exhibitions to encourage local innovators	33-35
2.12 Provincial programme for socialization of Innovations	35
2.13 Live programmes for awareness of inventors	36
2.14 Popularization of inventions	36-41
2.15 National Inventor’s Day	41
2.16 Human Resources Development	41
3. Financial Statements	42-59

Members of the Commission

Mrs. W. A. Nimali Kulathunga (from 01.01.2020 to 01.03. 2020)

Commissioner (Actg.)

Professor Rangika Umesh Halwatura (from 16.03.2020 to 31.12. 2020)

Commissioner

Dr. Sanath Hettige (from 11.05.2020 to 31.07. 2020)

Assistant Commissioner

Professor Neelika Malawige (from 20.11.2020 to 31.12. 2020)

Assistant Commissioner

Mr. A. P. S. L. Wijesinghe (from 20.11.2020 to 31.12. 2020)

Assistant Commissioner

Mr. P. V. B. P. Sisira Nandana (from 01.01.2020 to 31.12. 2020)

Treasury Representative

Members of the Audit and Management Committee

Mr. P. V. B. P. Sisira Nandana (from 01.01.2020 to 31.12. 2020)

Treasury Representative

Dr. Sanath Hettige (from 11.05.2020 to 31.07. 2020)

Assistant Commissioner

Professor Neelika Malawige (from 20.11.2020 to 31.12. 2020)

Assistant Commissioner

Mr. A. P. S. L. Wijesinghe (from 20.11.2020 to 31.12. 2020)

Assistant Commissioner

Mrs. H. D. Anuruddhika (from 01.01.2020 to 31.12. 2020)

Internal Auditor

State Ministry of Skills Development, Vocational Training, Research and Innovation

Mrs. W. P. L. S. R. Perera (from 01.01.2020 to 31.12. 2020)

Representative from Auditor General's Department

Message of the Commissioner



Sri Lanka Inventors Commission has empowered by the Sri Lanka Inventors Incentives Act No. 53 of 1979 with the prime objective of promoting local inventions & innovations and to provide technical, financial and legal assistance for inventors.

The success of an attempt to implement a series of fruitful programmes by the Commission gives positive impact to the entire Sri Lankan society. The main objective of the Commission is to contribute uplifting national economy enhancing creativity in all sectors of the country through an innovative approach.

The Commission has already implemented feasible programmes to achieve the anticipated objectives and goals identifying talents of inventors providing distinctive benefits and experience to them.

In this endeavor, the Commission has already implemented programmes to promote inventions and innovations under four main identified categories as School, University and Tertiary Education, Commercialized and Open Category targeting 14 innovative fields covering entire Sri Lankan society.

As the present Commissioner of the Sri Lanka Inventors Commission, I am desirous to give leadership to continue all

the successful programmes implemented by the Commission more efficiently and effectively and also wish to introduce new programmes in order to identify skills of inventors scattered island-wide and bring them to national and international levels.

Further, the Commission is always prepared to give maximum contribution for "Vistas of Prosperity" policy statement of His Excellency the President and planned to visit villages island-wide in searching potential inventors & innovators.

The utmost support of the limited staff of the Commission under the guidance of the Board of Directors is the driving force for this success story of the Commission.

I take this opportunity to convey my heartfelt gratitude to all who served for the betterment of the inventors' future over the past period and Hon. State Minister, Specialist Dr. Seetha Arambepola, Secretary to the Line Ministry & all other staff of the Ministry & Members of the Commission. I specially thank all the inventors & innovators who have given their maximum contribution to create an innovative culture in Sri Lanka.

Prof. N. M. S. Sirimuthu
Commissioner

Sri Lanka Inventors Commission

Message of the Former Commissioner



Sri Lanka Inventors Commission was established with the principal objective of providing technical, financial and legal assistance to inventors and encouraging inventiveness of the nation.

It is glad to state that, while adopting its main functions, at present the Commission is able to support the enormous task for commercialization of inventions and innovations with the aim of strengthening national economy.

Development of an invention is not merely satisfactory and it is essential to commercialize this invention as a productive item. For this purpose, the inventor requires correct guidance and therefore a mechanism has already been initiated to socialize invention for commercialization through proper guidance.

The following programmes have been implemented by Sri Lanka Inventors Commission in delivering its duties at maximum capacity, for the benefit of people.

-  Implementation of programmes to offer successful innovative solutions to timely social problems
-  Introduced "Fight Against COVID 19" project to mitigate spreading "COVID 19" pandemic in Sri Lanka and through this programme, successfully socialize effective inventions.
-  Successfully established "ali weta" (electric fence) in several identified areas as innovative remedial measure for human-elephant conflict, giving opportunity to commercialize relevant invention.
-  Created investment opportunities for inventors through innovative programmes targeting at agriculture and food technology sectors.
-  With the assistance of Sri Lanka Tea Board, initiated "Tea Talk" programme to give innovative solutions for the expansion of national tea industry.
-  As solutions for power crisis, designed innovative programme to generate renewable energy.
-  In addition to promote inventions at national level through "Sahasak Nimavum" International Inventions and Innovations Exhibition, actions have been taken to earn foreign exchange through international participation.
-  Link local inventors with investors and implement programmes to get the support to penetrate export markets through public private partnership.

- 🌐 Take actions to establish “Young Inventor Clubs” and keep these enthusiastically with the assistance of financial institutions aiming at obtaining maximum support to strengthen the innovativeness and its way forward.
- 🌐 Plan “Idea Incubator” programme for providing technical knowledge required in innovativeness.
- 🌐 Organize “nipeumani” programme with studio facilities to popularize innovations.
- 🌐 Take actions to protect intellectual property rights of inventions at national and international levels.
- 🌐 Conduct a standard conference under the name of “From Innovation to Impact (FITI)” in collaboration with the Sri Lanka Institute for Advancement of Science, giving the opportunity to Sri Lankan Innovators to unveil their inventions.
- 🌐 Implement various programmes utilizing electronic and printed media as well as new technologies via social media and internet for correct socialization, popularization of innovations and create interest and enthusiasm towards innovations among general public without any expenditure.
- 🌐 Establish ‘Technology Incubation Centers’ to provide technical assistance for quality improvement of inventions through active performance of these centers. Implement a mechanism for commercialization of inventions by improving quality of products through projects like ‘Nawa Nipayum Diriya’ & “IAFM-SL”.

- 🌐 Formulate proper programme to the local inventors, for participation at international inventions competitions.

The main programmes implemented by the Commission are summarized as above. The Commission is already planning to initiate a number of special programmes that are benefited to both national economy and people, in coming years.

While proudly remembering the enormous national responsibility delivered beyond the duties assigned to the Sri Lanka Inventors Commission as a public institute, I express gratitude to the limited staff of the Commission who are the untiring strength in this achievement. Further, extend my sincere appreciation to the Board of Directors of the Commission, officers of the line Ministry and other public and private institutions for their guidance and I believe that your cooperation is the immense influence behind the success of the Sri Lanka Inventors Commission in its way forward.

Professor R.U. Halwatura
Former Commissioner
Sri Lanka Inventors Commission

1. Sri Lanka Inventors Commission

1.1 Introduction

Sri Lanka Inventors Commission (SLIC), is a statutory body established in terms of the Sri Lanka Inventors Incentives Act No. 53 of 1979 with principal objective of giving patronage and encouraging inventiveness of local inventors and promote innovations and making provisions for relevant matters.

1.2 Vision

“Nawa Nipayum Mawana Deyak – Yasa Isurin Pirunu Hetak”

(Prosperity through Inventions and Innovations)

1.3 Mission

“Be the leading catalyst in bringing out innovative capability of the nation. Be a forerunner of the facilitation process in converting ideas into practical applications”

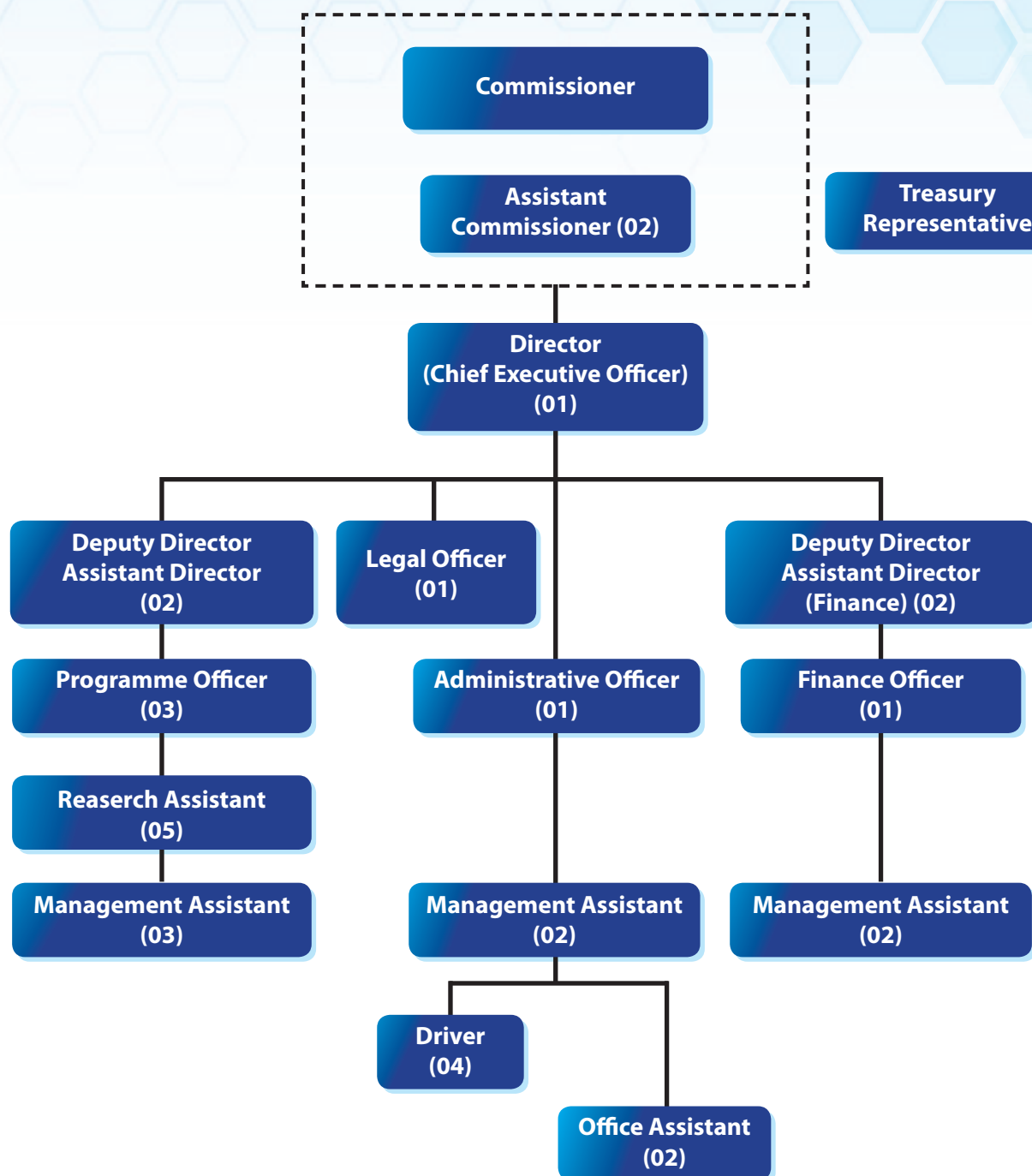
1.4 Objectives

- 1.4.1 Encourage Sri Lankan citizen for invention and innovation
- 1.4.2 Provide technical, financial and legal assistance to inventors
- 1.4.3 Exercise and deliver all the powers, functions and duties stipulated in Sri Lanka Inventors Incentives Act No. 53 of 1979.
- 1.4.4 Deliver all other functions required or assisted in achieving the above mentioned objectives.

1.5 Powers Functions and Duties of the Commission

- a) Give technical assistance to inventors after examination of their inventions to determine their patentability and to help them prepare patent applications, under such terms and conditions as may be specified by the Commission.
- b) Grant financial aid to inventors to enable them to develop, perfect and produce their patented inventions or those which are pending patent, under such terms and conditions as may be specified by the Commission.
- c) Render legal assistance to inventors by representing them in filing their patent applications in Sri Lanka or abroad and by protecting their secured patents from infringement in patent cases, under such terms and conditions as may be specified by the Commission.
- d) Recommend to government lending institutions inventions that are beneficial to Sri Lanka so as to enable such institutions to give long-term loans to inventors to manufacture their inventions, with only their patents, as security, the amount of any such loan to be granted depending upon the importance and market of their inventions as determined by the Commission.
- e) Help local inventors to find markets for their inventions in Sri Lanka and abroad.
- f) Encourage Sri Lankan inventors to make known their inventions by awarding "Presidential Awards for Inventions" annually to patented inventions in Sri Lanka in the fields of Agriculture, Chemistry, Medicine, National Defense, Pharmacy, Physics, Public Safety and Welfare, Public Works, Transportation and such other fields of Science and Technology.
- g) Establish and maintain a public research laboratory and experimental station where authorized inventors and researchers may avail themselves of its facilities and services for carrying out or perfecting their approved inventions and researches.
- h) Promote and encourage inventiveness and creativeness among people in Sri Lanka and to assist them in creating new inventions in Agriculture, Chemistry, Medicine and such other fields of Science and Technology through an annual "Creative Research Contest" with cash prizes and medals to the winners chosen by the respective judges of the "Presidential Awards for Inventions".
- i) Publish and disseminate information about inventions, researches and science in general.
- j) Hold regular monthly sessions for the exchange of ideas among inventors.
- k) Help Sri Lankan inventors join international competitions for inventions and researches, or to recommend them to such competitions.
- l) Organize creative societies in schools, colleges and universities to promote and encourage creativeness among Sri Lankan youth.

1.6 Organizational Structure



1.7 Human Resources

Designation	Approved Cadre	Cadre in year 2020	Vacancies as at 31 December 2020
Director (Chief Executive Officer)	01	01	-
Deputy / Assistant Director	02	02	-
Deputy/ Assistant Director (Finance)	01	01	-
Legal Officer	01	-	01
Programme Officer	03	03	-
Administrative Officer	01	01	-
Finance Officer	01	01	-
Research Assistant	05	03	02
Mangement Assistant	07	07	-
Driver	04	04	-
Office Assistant	02	02	-

2. Main projects and programmes implemented in year 2020

2.1 “Sahasak Nimavum 2020” International Inventions and Innovations Exhibition & Competition to connect Sri Lanka to the world through Inventions & innovations.

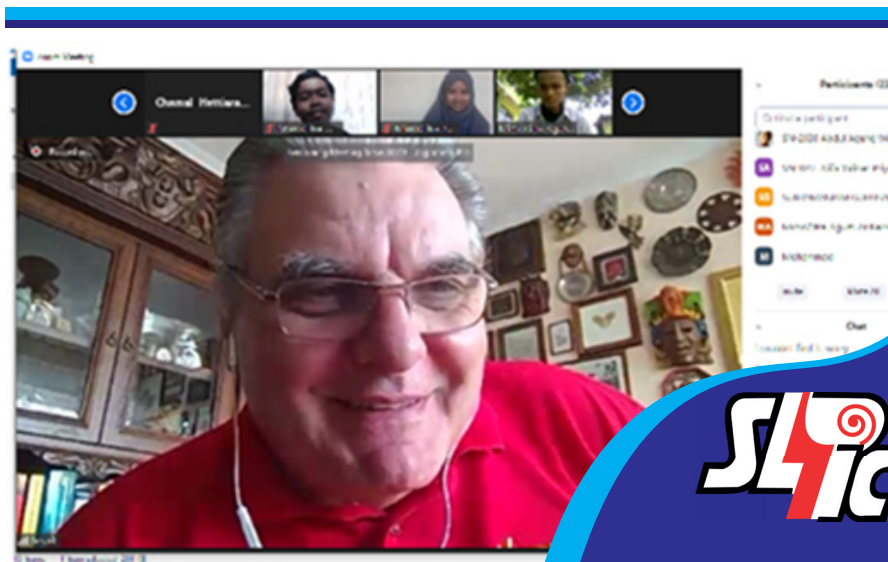
“Sahasak Nimavum” International Inventions and Innovations Exhibition and Competition was organized with the objective of providing numerous benefits to the inventors such as correct socialization of inventions, linking investors for commercialization of inventions, knowledge sharing with other participants, get proper evaluation for award winning innovations and also to get the opportunity to participate at international level exhibition.



The Sri Lankan inventors have the opportunity to participate at this competition representing national level under four main categories as school, university and tertiary education, commercialized and open category, in relevant to following fourteen (14) technical fields.

- » Public Security, welfare and National Security
- » Chemistry
- » Food Technology
- » Medicine and Pharmacy
- » Traditional Medicine
- » Common Industries and Infrastructure Facilities
- » Physics
- » Informational and Communication Technology
- » Agriculture
- » Applied Science and Technology
- » Energy
- » Conservation of Environment
- » Transport
- » Engineering

Even during this prevailing situation of COVID-19 pandemic, Sri Lanka Inventors Commission smoothly carries out its functions following new methodologies. As a result, Sahasak Nimavum exhibition that was earlier conducted gathering creative community scattered island wide through awareness programmes at provincial levels was conducted as an online competition in this year.



 PROF. MARCELO VIVACQUA Founder of Brazilian and International Innovative Inventors and Researchers Association (ABIPIR)	 PROF. PHAN QUOC NGUYEN Vietnam National University, Hanoi, Director of Public Relations, World Invention Intellectual Property Associations (WIIPA)	 DR (MRS). INSIL LEE President of Korea Women Inventors Association
 DR. RADWAN CHOUAIB National Association for Science and Research – NASR Main Founder Board Chairman, EC Member of IFIA	 MS. MANLI-HSIEH President, World Invention Intellectual Property Associations (WIIPA)	 MR. YANG LUNG SHIH Director of International Development, World Invention Intellectual Property Associations (WIIPA)
 MR. WINFRIED STURM Founder/Manager, Student-High-Tech-Invention-Education Association (HAG), EC Member of IFIA	 MRS. ERRICHA INSAN PRATISI President, Indonesian Invention and Innovation Promotion Association (INNOPA)	 MR. DENI IRAWAN President, Indonesian Young Scientist Association (IYSA)
 MS. PRITA ELRIZA SAPUTRI Commissioner, Indonesian Young Scientist Association (IYSA)	 PROF. CHUNG YI CHEN Dean, School of Medical and Health Sciences Fooyin University	 MR. ZORAN BARISIC Secretary General Union of Croatian Innovators, Zagreb (Croatia), IFIA EC member
 PROF. MICHAL SZOTA President, Association of Polish Inventors and Rationalizers, IFIA EC member	 DR. SUBBARAO AYNAMPUDI President, Indian Innovators Association, IFIA EC member	 MR. SAHIN KORAY Founder and president of ABDER (Anatolia Inventions and Inventors Association), IFIA EC member
 MR. HOSSEIN VAEZI ASHTIANI Director of the First Institute Inventors and Researchers in Iran, IFIA EC member	 MR. MAJID ELBOUZZAOUI President, Union of Inventors, Marrakesh, Morocco	

538 national inventions and 43 international inventions of inventors had been forwarded applications for “Sahasak Nimavum 2020” exhibition. At the competition that was evaluated by expertise evaluation panel had announced winners of 26 gold medals and 17 silver medals under international category. Actions were taken to deliver the medals and certificates to the winners of national and international category, to their homes.

Further, in line with the international collaborations built up by the Commission, it was able to appoint the expertise evaluation panel comprised of following international expertise in international institutions related to inventions, for the first time in this year.

“Sahasak Nimavum” is a unique platform for inventors to exhibit their inventions and it is the main approach to build up excellent Sri Lanka through development of technical tools to ease the day to day living, facing the future challenges.

Encourage innovations and thereby promote income generation and national economy

Sri Lanka Inventors Commission that was merely depended on treasury grants up to the year 2019 has entered revenue earning pathway by then. Accordingly, focusing to “Sahasak Nimavum” exhibition the Commission was able to earn income by registration of international inventions since 2019. Therefore, the Commission was able to contribute to the General Treasury, in addition to strengthening national economy through commercialization of inventions.

Year	Revenue earned	
2019	Internationally	USD 900.00
2020	Internationally	USD 4,991.97
	Nationally	Rs. 435,000.00

2.2 New procedure for effective commercialization of inventions and innovations

Further streamlining the mechanism for market approach for local inventions, Sri Lanka Inventors Commission has initiated new procedure for upgrading the commercialized inventions, with the objective of creating well established inventors and get their contribution to the national economy. This procedure is implemented as a financial facility that includes royalty payment and actions were taken to contribute to the Inventor's Fund of the Commission and this money is well utilized in future commercialization purposes.

2.3 IAFM-SL (Innovation Accelerator Funding Mechanism for Sri Lanka) project for commercialization of inventions

Innovation Accelerator Funding Mechanism for Sri Lanka (IAFM-SL) project was designed to commercialize inventions and Sri Lanka Inventors Commission has assigned the function of assisting implementation of a mechanism to transform such inventions to income generation under the supervision of the Line Ministry by a Cabinet decision. The Commission has given powers to assisting commercialization of inventions by its Act. The main objective of this project is to facilitate the inventors from the development of invention up to commercialization stage as an end product and thereby contribute to the GDP. After applying for financial assistance/loan, it will be monitored under several steps.



Evaluation Committee for the year 2020 was selected by calling nominations from institutions like National Engineering Research and Development Centre, National Chamber of Commerce, FCCISL, Sri Lanka Institute of Chartered Accountants etc.

Out of 10 inventions applied, 02 inventions that have fulfilled basic requirements have been selected for granting loans on the recommendation of Evaluation Panel, and these loans will be released after submission of relevant quality reports.

2.4 "Nawa Nipayum Diriya" for establishment of commercial base for inventions

"Nawa Nipayum Diriya - INVENT Grant Scheme" is yet another programme implemented by the Commission to support the commercialization of inventions. Inventions with market potential are evaluated by an expertise evaluation

panel for technical feasibility and verified at field testing are referred to the Finance Committee that has representation from the line Ministry. The decisions taken at this Committee are implemented with the approval of the Board of Directors.



Basic qualifications eligible to apply assistance under “Nawa Nipayum Diriya” grant scheme are as follows :

1. Should be a citizen of Sri Lanka.
2. Should have reserved intellectual property right or already applied for it.
3. Availability of an operational level prototype / model of an invention.
4. The invention should have potential for commercialization or could be utilized for the wellbeing of the society.
5. Have already commenced production at commercial level or fulfilled basic requirements to set up businesses.

In this scheme, the inventor should settle the interest free loans that are granted as financial aid, within the agreed period. Based on the recommendations made by the Evaluation Committee, the inventors are assisted in various aspects like providing financial assistance to obtain technical assistance required to develop invention up to end product or to obtain test reports through public institution, granting interest free loans, assist to develop prototypes through a public institution.

In addition, during the commercialization procedure, inventions are refereed to various quality testing procedures for the purpose of certifying the quality of products and during the year 2020, 07 inventions were referred to such quality testing's.

Two inventions identified among the inventions developed during this COVID-19 pandemic have been provided Rs. 500,000.00 as business startup loans. About 120 applications were evaluated under the “Nawa Nipayum Diriya” programme. Field testings were done for 19 inventions and in year 2020, loans worth of Rs. 2,524,250.00 has been provided to three inventors for commercialization of their inventions. At the end 2020, a reserve of Rs. 59,343.97 has been collected as royalty payment that is 3% of commercialization process.





2.5 Establishment of Technology Incubation Centers to give technical assistance to inventors

These Technology Incubation Centers were established aiming at providing technical assistance for further development of Sri Lankan inventions up to the level of commercialization.

In years 2019 and 2020, completed evaluation of project proposals received from 05 universities for establishment of Technology Incubation Centers and necessary actions were taken to establish Technology Incubation Centers at Rajarata and Ruhuna Universities. In year 2020, machineries worth of Rs. 18.2 Mn and Rs. 19.2 Mn were given to the Technology Incubation Centers at Rajarata University and University of Ruhuna respectively. Measures are being taken to bring these Centers operational level in future.

Two such centers were already established in the National Engineering Research and Development Centre (NRED) at Ja-ela and the University of Jaffna and about 50 inventors have been facilitated through these centers at provincial levels





2.6 Build up national and international collaboration for commercialization of inventions

As a result of discussions had with National Development Bank (NDB) "Jayagamu Sri Lanka" programme was initiated to build up collaboration between inventors and exporters. Sri Lanka Inventors Commission facilitates this programme by introducing inventions that have potential for entering the international market.

The Commission has taken necessary step to introduce investors to the inventors, provide opportunity to penetrate to international market and also to empower women within this procedure for commercialization of innovations. Consequently, a series of discussions were held with the Indian Academy of Entrepreneurship (IAE) and it will be implemented as an effective programme that will have vast social impact in future.

Further, initial discussions were held with National Chamber of Exporters (NCE) and Export Development Board (EDB) to explore the potential for diversification of national exports through innovations.

The Commission organized innovation programme with BCS (British Computer Society) the chartered Institute for IT Sri Lanka Section to motivate inventions relevant to information technology based on public-private partnership. Prime objective of this programme is to identify state-of-art products and innovations in the field of information communication technology to identify, prevent, control or provide relief in any natural disaster like COVID-19 pandemic, flood, famine or drought.

In this programme innovations are evaluated by a qualified evaluation panel under the following 3 main categories.

- 1st category - inventions by students of academic/ nonacademic institutions
- 2nd category - inventions by individuals or group of individuals
- 3rd category - inventions by commercial or nonprofit earning institutions

The winners will have the opportunity to participate at international competitions on information and communication technology.



2.7 Establishment of Young Inventors Clubs - way forward Sri Lankan Innovative Culture

Programme for establishment of inventor's Clubs is implemented to create an innovative culture among the school children and University students and also students of Tertiary Educational institutes. In year 2020, 55 Young inventor clubs were established and altogether island wide inventor's societies exceed 200 No's and these societies privileged to have number of benefits through this programme.

They will be benefited by financial assistance up to Rs. 30,000/- to purchase equipment required for Inventors Societies, opportunity to participate at awareness programmes on inventions and innovations, opportunity to fully aware of intellectual property right.

Also arrangements are made to educate student inventors of these societies through consultancies with the contribution of university students.

Support from various parties towards expansion of activities of Inventor's Societies.

Plans are ahead to expand the activities of inventor's societies with the view of upgrading of innovative skills of emerging inventors.

Accordingly, the Commission has taken actions to get contribution of various parties in this endeavor. Inventors Commission signed an MoU with the Ministry of Education on 04.08.2020 and this will fast-track popularization of Inventor's Clubs within the school while keeping up these societies active and reviewing progress regularly.

Actions are being taken to provide financial facility worth of two million rupees for 200 school Inventor's Societies. Each society will receive Rs. 10,000/= through MoU signed with the Peoples Bank and further actions are being taken to find financial assistance from various other institutions.

Under this programme, further actions will be taken to give marks at the university entrance to the inventors who are the winners of national level competitions and popularize Inventor's Societies within the University system and conduct regular progress reviews with the collaboration of University Grants Commission to keep up these Clubs active.



ITN TV channel has given publicity to this programme for establishment of Inventor's Societies, free of charge.

Also measures are being taken to get the assistance of the relevant parties including provincial level officers attached to the line Ministry, Ministry of Education and University Grants Commission to review the fund utilization and progress of the Inventor's Societies. Inventions that are developed through Inventor's Societies and identified at "Sahasak Nimavum" international inventions & innovations competition and inventions referred to apply for patents are considered at this process.

"Nipayumani" to motivate Inventor's Societies

Initial steps have been taken to create a platform called "Idea Incubator" in the Sri Lanka Inventors Commission for sharing technology and knowledge within Inventor's Societies to develop school level innovative ideas to an innovation that has market potential. A programme called "Nipayumani" for dissemination of knowledge through a studio with television facilities has been introduced and measures were taken to launch two "YouTube" channels that include videos on inventions and other knowledge sharing and online platforms like zoom.



Sri Lanka Inventors Commission

1.08K subscribers

SUBSCRIBED



HOME

VIDEOS

PLAYLISTS

COMMUNITY

CHANNELS

ABOUT

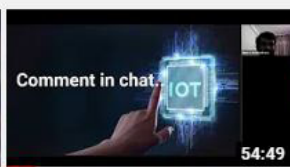


Sahasak Nimavum 2021

Sri Lanka Inventors Commission • 346 views • 5 months ago

"සහසක් නිමවුම 2021" නව නිපයුම කරන සඳහා ඔබගේ නව නිපයුම පිළිබඳව විවිචයව...

Uploads ▶ PLAY ALL



Young Inventors Clubs

views • 1 month ago

How to develop your first Internet of Things (IoT)...

65 views • 1 month ago

How to Develop Your Invention Digitally Using a...

98 views • 1 month ago

How to Develop Your Invention Digitally Using a...

54 views • 1 month ago



2.8 Assistance for inventors to protect intellectual property right at national and international levels

Sri Lanka Inventors Commission has given its utmost support to Sri Lankan inventors to protect their intellectual property rights by providing technical assistance and other relevant services and to secure their intellectual right by preventing improper manipulation of their innovative skills. The staff of the Commission has been provided proper training under the programme by Technology and Innovation Support Center (TISC) conducted with the collaboration of World Intellectual Property Office and National Intellectual Property Office for the purpose of delivering such a service. As a result, 326 applications for patents have been received to the National Intellectual Property Office of Sri Lanka. Statistical data on support extended to inventors in applying for patents during the year 2020 is given below;

No. of patents that has been assisted by the Commission	- 41
No. of patent applications that has been provided with financial assistance	- 33
No. of inventions applied for patents through the Commission	- 38

Sri Lanka Inventors Commission has already planned to increase the number of patents annually applied at local and international levels through conducting awareness programmes on international property rights and extending financial support for applying for patents.

Methodology to support applying for international patents

The Commission supports to reimburse application fee for international patents, PCT fee and legal fee incurred to Sri Lankan inventors. To obtain this service, the inventor should forward a request in writing to the Commission together with evidence for payments, acceptable investment plan that include social, economic, environmental or any other benefits privileged to the country by the invention.





2.9 Innovative solutions for timely social problems

• “Fight Against COVID-19”- Innovations to mitigate COVID-19 pandemic

Aiming at mitigation of spreading COVID -19 pandemic within the country and seek solutions to face the problem through innovations, Sri Lanka Inventors Commission launched the “Fight Against COVID 19” project on 20th March 2020. The Commission is engaged in enormous task to introduce these “innovative ideas”, “concepts”, “prototypes”, “end products” and “designs” to the public as practical applications.

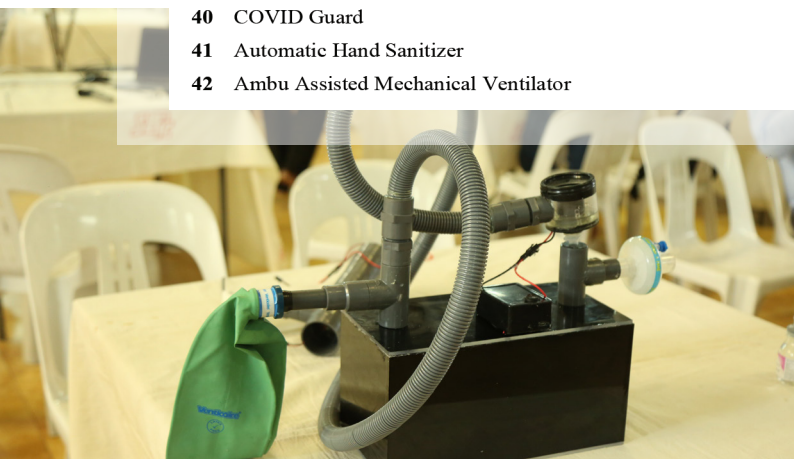
Within this short period, 364 inventions were linked to this operation and especially medical equipment imported to the country (ex: - Video Laryngoscope, PPE Kit) that can be manufactured in the country at a lower cost are among these.

All these inventions have not been created within ordinary social environment and efforts by inventors to find out required tools and material amid many difficulties is noteworthy. Also the Commission faced challenge in implementing such a programme for secured country, amid various constrains and environmental limitations. At present, as a country we have achieved great success through this project.



Innovations evaluated under "Fight against COVID-19" project

- 1 Face Mask made with Natural Herbal Medicine
- 2 Radiation Active Air Purifying and Advanced Mask Device
- 3 Microorganism Killing and Filtering Air Conditioner
- 4 Air Sealed Intubation Bag
- 5 Protective Ventilation Suite for Healthcare Personnel
- 6 Open Source Ventilator Project
- 7 Fabrication of ICU Beds for Emergency Situation
- 8 Ayurvedic Face Mask
- 9 Syringe Pump
- 10 Nerve Stimulator
- 11 Automated Robot for Hospitals
- 12 Microorganism diverting and clearing device (MDCD)
- 13 Device with Catheter Tube, External Public Bladder Hanger
- 14 Video Laryngoscope
- 15 PPE with Cooling System
- 16 Ultrasonic disinfectant diffuser
- 17 Mechanical Cardio Pulmonary Resuscitator
- 18 Patient Inspection Chamber with Remote monitoring
- 19 Easy Ventilator Machine
- 20 Automatic Door Opening System
- 21 Advanced Ventilator
- 22 Detection of COVID-19- Manufactured in Sri Lanka
- 23 Disinfection Chamber
- 24 Disinfection Robot
- 25 Face Mask
- 26 Negative Pressure Chamber
- 27 Safety Chamber for Medical Staff
- 28 Human Safety Beam
- 29 Sterilization Chamber for COVID-19
- 30 Protective Tap
- 31 Remote Control Patient Side Up Mattress
- 32 Prescription Management System for Covid 19
- 33 Automatic Hand Washer
- 34 Horizontal/Vertical Collapsible Low-Cost Helmet
- 35 Foot Operated Door Handle
- 36 Wilco Mini Germ Killer
- 37 Self-Quarantine People Monitoring System
- 38 Ventilator Pressure Control System
- 39 COVID Bag
- 40 COVID Guard
- 41 Automatic Hand Sanitizer
- 42 Ambu Assisted Mechanical Ventilator
- 43 Automatic Water tap by Using Foot Pressure
- 44 Portable Hand Sanitizer
- 45 Hand Wearable Sanitizing Liquid Container
- 46 Safety Automatic Toothpick Dispenser
- 47 Machine to Avoid Spreading Viruses such as Corona by ATM Machines, Key Pads and Touchpads
- 48 Heated Safety Dress to use for Medical Treatments
- 49 Sanitizing Equipment
- 50 Robot to use at the hospital.
- 51 Isolation Booth for OPD Doctors and to Perform Mass COVID Testing
- 52 Fully Mechanical ICU Bed
- 53 All-In-One Sterilizer for COVID 19
- 54 Automated Room Sterilizer for COVID 19
- 55 Remote control Sanitizer Machine
- 56 Heat Room
- 57 Portable Steamer
- 58 Sensored Tap
- 59 Video Assisted Ward Communication System to Minimize Exposure of Doctors to COVID - 19
- 60 Modified Face Mask
- 61 App Provide Elaborate Information
- 62 Possible Management of Corona viral infections
- 63 QR Curfew Pass
- 64 Reusable ultra-violet germicidal irradiating (UVGI) sterilizing facepiece respirator
- 65 Modified Steaming Unit
- 66 Secure Remote Patient Monitoring System
- 67 Oxygen Flow-Rate Measuring Equipment
- 68 Disinfection Spray Gun System
- 69 Walkthrough Disinfection Corridor
- 70 An Organic Essence Extraction Methodology & Apparatus to Extract Essences from Organic Material
- 71 Low Flow Fixed Performance Oxygen Delivery System
- 72 CORONA Protective Tissue Paper
- 73 Low Cost Reusable Powered Air Purifying Respirator
- 74 Foldable Intubating Chamber
- 75 Automatic Non-Contact Sanitizer Machine
- 76 Disposable protective nebulization chamber
- 77 Remotely Controlled Robots Equipped with UV Lights to Disinfect Public Places
- 78 Covid 19 Diagnosis Measuring Pluggable and Web Platform for Identifying Red Areas
- 79 Isolation Pod
- 80 Wireless Stethoscope
- 81 Steam System
- 82 Re-Usable Transparent Viricidal Mask (RUTVM)
- 83 Air Purifying Equipment
- 84 Sterilizing Robot



Innovations evaluated under "Fight against COVID-19" project

- | | |
|--|---|
| 85 Driver-Less Transporting System | 127 Traditional Disinfectant Medicine |
| 86 Automatic Hand Washing Equipment | 128 Heat Generated Automatic Sanitizing Box |
| 87 Soap Petals | 129 Fully Automatic Smog Disinfection System |
| 88 Easy Shoe Wearing Case for Preventing Virus Spreading | 130 Fully Auto Hand Sanitizing Unit |
| 89 Cellbotic | 131 External Treatment Method for COVID 19 |
| 90 Covid -19 Quarantine Monitoring System | 132 Transport Monitoring System via Mobile App |
| 91 Disinfection Cubical | 133 Automatic Any Direction Hand Sanitizing Dispenser |
| 92 Low Cost Standard Face Mask | 134 Negative Pressure Chamber for Aerosol Generating procedures & Intubation Procedures |
| 93 Automatic Water Tap | 135 Disinfectant Pen Holder |
| 94 Automatic Sanitizing Dispenser | 136 Triple Active Currency, Hand and Mobile Equipment Sanitizing Machine |
| 95 PCR Machine | 137 Ventilator Machine |
| 96 Protective Face Shield | 138 Low Cost UV Sterilizer |
| 97 Hands Free Door Opener | 139 Automatic Sanitize Machine |
| 98 Robot for Hospitals | 140 Domestic Steam Inhaler |
| 99 Low-Cost Reusable Mobile Sample Collection Chamber | 141 Transparent Face Cover for Caps |
| 100 Low Cost Multifunction Bed | 142 AeroVEC |
| 101 CORONA Preventive Tap | 143 Artificial Doctor Software |
| 102 Quarantine Tracking System | 144 Automatic Hand Sanitizer Spraying Machine |
| 103 Integrated Thermal Emanation Glass | 145 Anti COVID -19 VIRUS STEAMER |
| 104 Sanitizing Band (SANIBAND) | 146 Push Pull Door Handle |
| 105 Modified Drone for COVID 19 Safety Actions | 147 Modified steamer |
| 106 Social Distancing Belt when Standing in a Queue or Crowded Place | 148 Liquid Dispenser |
| 107 Reliable Proportional Servo Valve for Ventilator Machines | 149 Corona Safety Sink |
| 108 Smart Portable Tap Handle Controller | 150 Preparation of Ayurveda Formula (Shirishavaleha) |
| 109 Sodium Bicarbonate for IV infusion and Ozone for IV for COVID19 | 151 Ayurvedic Oral & Throat spray |
| 110 Remote Patient Monitoring System | 152 Personal Protective Equipment from Scuba Mask |
| 111 COVID 19 Protection Units | 153 Ozone Generator for Disinfect CORONA |
| 112 Patients Monitoring System in Remotely (Central Monitoring System) | 154 Bio Safety Cabinet |
| 113 Specialized Covid-19 Human Ventilator | 155 PCR Workstation |
| 114 Disinfectant Liquid Spraying Device | 156 Sensored Sanitizer and Water Tap |
| 115 Sanitizing Chamber Compressor Type | 157 Low Cost Paddled Hand Washing Equipment |
| 116 Rasam Peya Prevent Plus | 158 UV Air Purifier |
| 117 Paddle Base Hand Sanitizer | 159 KDU VentilatorPro KDU Ver. 1.0 |
| 118 High Intensity Pulse Light Disinfection | 160 Tracelett – Simple technology to promote community driven contact tracing |
| 119 Gloves Removing Machine | 161 Pneumatically driven, time-cycled ventilator with user determined volume and flow rate selection capability |
| 120 Easy Equipment for Control COVID Spreading | 162 "Ingurukottamalli" Herbal Tea |
| 121 ManKiwwa Mobile App | 163 "SAFE HAND" Disinfectant Pen |
| 122 Ayurvedic Oral & Throat spray | 164 Automated RNA extraction Cubicle |
| 123 Disinfection Chamber-Killer CORONA | 165 Automatic hand cleaning system for prevention of spreading infections |
| 124 Online e-Medical Care System | 166 Chest Compression Device for Cardiopulmonary Resuscitation |
| 125 Disinfection Equipment for Applying in Public Transport | 167 Automatic Door Sanitizer |
| 126 Medicine Spraying Apparatus | |



Summarized progress of "Fight Against COVID-19" project

	Evaluation - 01 2020/04/06	Evaluation - 02 2020/04/10	Evaluation - 03 2020/04/16	Evaluation - 04 2020/04/21	Evaluation - 05 2020/04/27	Evaluation - 06 2020/05/04	Evaluation - 07 2020/06/02	Evaluation - 08 2020/07/27	Total
Evaluation - 01 2020/04/06	18	7	11	26	16	32	43	19	172
No. of inventions selected for providing financial/ other assistance	13	6	4	16	6	11	3	10	69
Value of funds/ grants provided/to be provided by the Commission (Rs.)	4,350,000.00	1,782,865.00	45,275.00	1,604,500.00	835,000.00	1,874,600.00	1,725,000.00	-	12,217,240.00
No. of entrepreneurs expected to be created	10	5	4	13	2	11	3	4	52
Assistance given to apply for the patents									35
Providing research facilities									22

Sri Lanka Inventors Commission organized two special programmes linking inventors with inventions which aimed COVID-19 to give opportunity to the inventors for effective commercialization of their inventions.

- The first programme of this series was held at the Gangarama temple on 06th May 2020 with the participation of a group of thirty (30) inventors.
- On the success of this programme, the second phase was held on 27th May 2020 at Gangarama temple and hundred and twenty (120) inventions which are capable for commercialization were presented.
- The investors cooperated at this programme are given below :
 - o Sri Lanka State Trading Corporation
 - o Colombo Chamber of Commerce
 - o Whiteline Industries (Pvt) Ltd
 - o Excel Trading (Pvt) Ltd
 - o Analytical Instruments (Pvt) Ltd
 - o National P.V.C.Ltd
 - o Singer (Sri Lanka)
 - o Nawaloka Hospitals Ltd
 - o A. Baur & Company
 - o Envision Holdings International Company Ltd
 - o RCS 2 Technologies Ltd
 - o Sisil Company Ltd
 - o J.K.S. Company Ltd
 - o Nishu Apparels
 - o Care Point
 - o Ceylon Institute of Chemistry
 - o Laufs (Pvt) Ltd
 - o Kent Group of Companies
 - o Celinco Company Ltd
 - o National Development Bank



As a national responsibility, Sri Lanka Inventors Commission has given its fullest support in this mission to eradicate COVID-19 epidemic.

- Project to resolve human- elephant conflict – electric fence (ali weta)**

Sri Lanka inventors Commission has introduced a new programme aiming at resolving conflicts between animals and human activities that has become a common issue at present. This will ensure security of both parties; human and animals.

As the first step, the Commission has taken actions to deploy innovative solutions for “Ali Weta” to resolve human-elephant conflict. Proposals for innovative solutions in relevant to this field were invited open to all sectors and some prospective innovations identified through this has being already in practical use as follows:

Under the first stage of this programme, more than 07 inventions were commercialized and socialized as a cluster solution; three pilot projects are successfully completed by now covering more than an extent of 07 km targeting 03 selected areas with the collaboration of Department of Wildlife on the consent of the Line Ministry. “Ali Weta” has been constructed in 01 km in Udawalawa, 01 km in Mahaottapallama, and 02 km in Neelabamma villages.





➤ Innovative Solutions for Mahaweli Zone

In year 2020 for the first time, the local inventors had the opportunity to establish electric fence within the Mahaweli Zone by local inventions. The Commission implemented this programme in collaboration with Sri Lanka Mahaweli Authority, in line with its mission “Nawa Nipayum Mawana Deyak – Yasa Isurin Piruna Hetak” to endow Sri Lanka through local inventions. This can be introduced as great achievement in the year 2020 and from year 2021, this programme will be implemented through inventions.

As per the MoU signed between the Sri Lanka Inventors Commission and Sri Lanka Mahaweli Authority in year 2020, both parties came to an agreement to construct electric fence in Mahweli B zone using inventions, under the first stage.

The main objective of this programme that is implemented to resolve wild animal- human conflict is commercialization of local inventions while improving human lives in the Mahaweli Zones and ensure safe environment for wild animals. Another objective is minimizing resource loss to the local economy due to property losses including agricultural loss.

The Commission will have royalty payment based on the profit received to inventors by commercialization of their inventions.



- **Project to protect wildlife by preventing railway accidents**

This programme is implemented by the Commission with collaboration of Sri Lanka Railway Department and Department of Wildlife Conservation to prevent threats to animals by accidents in the rail road in forest areas and minimize interruption to railway transportation. This study is to be conducted targeting several places announced by the Sri Lanka Railways, mainly in Mahawa-Batticaloa railway where more cases of elephant deaths due to rail road accidents are reported. This can be considered as a programme that gives successful innovative solutions to a common issue at present.

- **Special programme targeting to “agriculture” and “food technology”**

This programme for popularization of innovations in the field of “agriculture” and “food technology” was conducted at Gangarama temple, Colombo 02 with the blessing of Ven. Dr. Kirinde Assaji Thero on 01 July 2020 for the purpose of providing innovative solutions to fulfill basic needs of the people in the country. This programme mainly focused on commercialization of inventions by linking inventors with investors.



Due to the prevailing situation of COVID-19 in the country, inventions developed by the island wide inventors in the field of “agriculture” and “food technology” were evaluated by an online method and 120 inventions were short listed for the programme.

Further, the selected inventors had the opportunity for commercialization of their inventions at this platform that linked more than 60 investors.



• **"Tea Talk" - Programme to develop tea industry in Sri Lanka**

Tea industry directly contributes to Sri Lanka's economy as an effective pathway for income generation. Therefore, progress of tea industry contributes to growth of national economy and also, decline in the industry collapse the national economy. Hence, the Commission has focused on implementing effective innovative programmes targeting at tea industry.

As the first step, the Commission has planned to implement a programme titled "Tea Talk" to resolve the problems in the tea industry that plays a major role in the national economy. Actions are taken to commercialize these innovative solutions while resolving the issues faced by the industry. This "tea talk" programme that is to be telecasted as a series of programmes with the support of ITN television network with the sponsorship of Sri Lanka Tea Board.

In this first step of "Tea Talk" technical issues is identified with the industrialists engaged in the industry and innovative solutions are sought from inventors to resolve these issues. These innovations are evaluated by the participation of expertise in the field and the Commission takes actions to improve the quality of such inventions. Subsequently, these inventions that are properly improved are referred to commercialization on the guidance of the Commission and intervention of investors.

Tea Talk

නාය නැති රටකට පළමු පියවර

ශ්‍රී ලංකාව නැවතත්
ලොව පළමු පෙළ තේ සැපයුම්කරු බවට පත් කිරීමේ
උවැසිතාව නවෝත්පාදන මෙහෙයුම



තේ කර්මාන්තය ඉලක්ක කර ගත්
තරඟකාරී නව නිපැයුමක් සමඟින්
ඕනෑම වයස් කාණ්ඩයක් යටතේ අයදුම් කළ හැක.

4වැනිත් හිතන්න.. සූදානම් වෙන්න..



සංවිධානය
ශ්‍රී ලංකා නව නිපැයුම්කරුවන්ගේ කොමිසම

සහයෝගීතා අනුග්‍රහය



විදුලි බල උත්පාදනය සඳහා නව විසඳුම් ඔබ සතු ද?

පුනර්ජනනීය විදුලි බලශක්ති උත්පාදනය වෙනුවෙන්
ඔබ විසින් නිර්මාණය කර ඇති නව නිපැයුම් හෝ සංකල්පනාත්මක
ප්‍රායෝගික විසඳුම් ක්‍රියාවට නැංවීම වෙනුවෙන් අතහිත දීමට
ශ්‍රී ලංකා නව නිපැයුම්කරුවන්ගේ කොමිෂන්
හා සුනිත්‍ය බලශක්ති අධිකාරිය සූදානම්

ඔබේ තොරතුරු 2021.01.31 ට පෙර අප වෙත whatsapp ඔස්සේ යොමු කරන්න

 **070 2352 685**

වැඩි විස්තර -

 0112 676 650

 info@slc.gov.lk

• Sustainable electricity generation by renewable energy

Sri Lanka Inventors Commission has taken initiative to find out environment friendly solutions to generate electricity by renewable energy and resolve the energy crisis through inventions. The Sustainable Energy Authority, Sri Lanka Navy and Universities have contributed in this endeavor, together with local innovators.

At present 82% of the total current electricity demand of the country which is 37.7 GWh is provided by non-renewable energy sources. Burning of fossil fuel contributes to global warming and its price is rising day by day due to limited resources. Hence, this proposed method of electricity generation gives many advantages to the country. The cost for the establishment and commissioning of the system is low and electricity is generated at a minimum cost. Another advantage is, large scale constructions like dams are not required as in power stations. As an example, potential energy in sea waves are converted to gaseous flow and this energy is used to generate electricity through more efficient methodology for rotating turbines. Therefore, this proposed project will involve more efficient, reliable, sustainable and environment friendly electricity generation process.

The Commission expects to assist the inventors to develop proto types of inventions selected by expertise evaluation panel.



2.10 International Summit to expose inventions - "From Innovation to Impact - FITI "

For the promotion of inventions, innovativeness should be correctly socialized. Achieving this target, inventions should be exposed to international level without restricted to inventors who develop it. Therefore, an international summit "From Innovation to Impact (FITI) 2019" was held for the first time in Sri Lankan history in November 2019 to give the opportunity to inventors to expose their inventions, study on inventions and to obtain guidance for research needs. This summit was organized with collaboration of Sri Lanka Association for the Advancement of Science (SLAAS). FITI 2020 summit was successfully conducted for the second time on 08th December 2020 at BMICH

The researchers will have the opportunity to publish their research publications in Scopus Indexed world recognized "IEEE" journal and it is very important for them.

36 research publications were published at this summit and the relevant inventors had the opportunity to submit their research publications under the theme of "social impact of research and development innovations and social innovations" are evaluated by an expertise evaluation panel comprised of national and international expertise.

Professor Arturas Kaklauskas who is an expertise in the field of information, civil engineering, management and economics delivered the key note speech and Professor Vilnius Gediminas of University of Luthuvania participated at the summit.





FITI 2020

SLAAS/ SLIC CONFERENCE ON FROM INNOVATION TO IMPACT

08th DECEMBER 2020
BMICH, COLOMBO

CALL FOR PAPERS

TOPICS OF INTEREST

SOCIETAL IMPACT OF:

- a) Research & Development Innovation
- b) Social Innovation

Sri Lanka Association for the Advancement of Science (SLAAS), is the premier body of scientists (basic, applied and social sciences) responsible for advancing and promoting science in the country.

The Sri Lanka Inventors Commission (SLIC) focuses on Sri Lankan patented inventors to make known their inventions. SLAAS will partner with SLIC in this conference to encourage and promote R & D innovation and social innovation by providing an opportunity for scientists to showcase societal impact of innovation, on a road map for positive change.

Extended version of selected papers will be published in a special edition of Journal of SLAAS.

Link to the conference website: <https://www.slaas.lk/fiti2020>

Call for Papers <https://easychair.org/cfp/FITI2020>

Online Paper Submission <https://tinyurl.com/FITI2020>

FITI-2020 proceedings will be submitted to published in IEEEExplore Digital Library and Indexed by SCOPUS
Previous Year Proceedings of SLAAS / SLIC Conference on FITI-2019, Published in IEEEExplore Digital Library which is indexed by SCOPUS

Technical Co-sponsor :



CONTACT DETAILS:

generalsecretary@slaas.lk
office@slaas.lk
Tel: 011-2688740

info@slc.gov.lk
011-2676645,
011-2676650,
011-2676647-9

IMPORTANT DATES

- a) Call for papers: July 28, 2020
- b) Deadline for submission: October 16, 2020
- c) Notification of acceptance: November 15, 2020
- d) Deadline for final paper submission: November 22, 2020

CO-CHAIRS OF ORGANIZING COMMITTEE:



Prof. Janitha A Liyanage
General President
SLAAS
120/10, Vidya Mawatha Colombo 7.



Prof. Rangika U. Halwatura
Commissioner,
SLIC
46 & 48, Cotta Road, Colombo 08.

2.11 Participation at international invention exhibitions to encourage local innovators

Sri Lanka Inventors Commission provides distinctive guidance to bring the talents of Sri Lankan inventors to the international level. Winners of the Inventions Competitions organized by the Commission get the opportunity to represent Sri Lanka at International Inventions Competitions.

The local inventors who participate at these competitions have the opportunity to expose their inventions to international markets. Especially these inventions get more chance to access local market as a result of international achievements

Further local inventors have the opportunity to expose to novel concepts, get know how to adopt various technologies to the invention, knowledge sharing with inventors in various countries, preparing background for commercialization of invention as major benefits and in addition they have the opportunity to study diverse culture in various countries. The international reputation they bring to the country by winning awards is also noteworthy.

Even the inventors did not had the opportunity to present at these competitions outside the country in this year due to 'COVID-19' pandemic actions were taken to participate them to online competitions and they were able to achieve the following awards.



Exhibition	5 th International Invention and Innovation Competition in Canada	
Host country	Canada	
	Canada	Award
A new method of increasing the speed of movement of the human sperm		Gold medal
Fire prevention plug base		Gold medal
Low-cost L.E.D panel lighting system		Silver medal
Automatic Garbage Segregation Bin		Silver medal
Walking charger		Silver medal
Braille, auditory and kinetic reading tool for children with visual impairments (brak)		Silver medal
Environment Friendly Horticultural Plugs		Gold medal
Multipurpose Hybrid Solar Dryer		Silver medal
Horizontal/vertical collapsible low-cost face shield		Gold medal
Safety automated toothpick dispenser		Silver medal
Non-Invasive Screening Tool to Detect Anemia		Gold medal
Mosquito repellent, antiseptic, healthy and natural air-freshener mainly with Ceylon Cinnamon oil or waste water in manufacturing cinnamon oil (prohibited to dump in environment by law), water, emulsifier, alcohol and menthol		Gold medal
Distant ent examiner		Silver medal
All in one sterilizer		Gold medal
Automated room sterilizer		Silver medal
Paste to treat for skin diseases		Gold medal
"Vision Handy capped Read Currency"		Gold medal
"Disabled Abled"		Silver medal
Formulation of healthy herbal valued nutritional biscuit incorporating turmeric as main ingredient		Silver medal
Anti-COVID-19 virus killer steamer		Gold medal
Anti-COVID-19 virus safety glasses		Silver medal
Personal water filter		Silver medal
A process to produce growing medium based on spent tea leaves and coco peat mixture		Silver medal
High scalable Emergency Ventilator with Pressure and BPM feedback		Gold medal



International recognition for the Commission

Sri Lanka Inventors Commission has developed international relations by obtaining membership in main international organizations in relevant to inventions and innovations.

International Federation of Inventors Association (IFIA)

World Inventions and Intellectual Property Association (WIIPA)

The Commission got the great opportunity to participate at many international inventions competitions under various categories like young, open and women's via membership in these associations. These associations provide services such as conducting training programmes, commercialization of inventions, protecting intellectual property rights, promoting environment friendly inventions and popularizing inventions. They are further involved in dissemination of information in relevant to their activities, popularization of inventions/projects implemented via inventions through websites and journals, awarding medals and cash prizes to the inventions.



They also give sponsorships for air tickets, accommodation facilities, concessions in providing examination stalls and transport facilities. These encouragements and recognitions immensely support inventors for commercialization of their inventions in the local and international markets.

Represent the Jury at International Invention Competitions

The International Federation of Inventors Association (IFIA) conducted the program "Inventors Vs Corona" to give the opportunity to inventors to present innovative solutions to prevent the COVID-19 pandemic, and evaluations of these inventions were done from 15 May to 15 June, 2020, using an online platform. Mr. Nalin Dolawatta, Director/Chief Executive Officer of the Sri Lanka Inventors Commission, had the opportunity to represent Sri Lanka at this event as a member of the jury, and this is a great achievement for our country.

2.12 Provincial programme for socialization of Innovations

The Commission has taken actions to conduct awareness programmes covering all the provinces of the country aiming at attracting and motivation of Sri Lankan inventors for inventions and innovations. These programmes specially target the students of schools, Universities and tertiary education institutes, individuals engaged in inventions, innovators in commercialization levels and general public interested in the subject. In this year 14 programmes were conducted.



2.13 Live programmes for awareness of inventors.

When inventors seek assistance of the Commission within the process for commercialization of invention, the inventor can have rapid response by following proper procedures and due to wrong procedures they have to wait a long time. A special workshop was conducted on 28 August 2020 at the premises of the Commission to make aware the correct procedure to be followed in this regard. Other than physically participate at the programme, inventors had the opportunity to connect it through live telecasting facebook page.

An awareness programme on patents was conducted at on 30 September at the premises of the Commission. This programme also had facilities for joining online. Both these programmes planned by the Commission aimed at local inventors amid health issues prevailing at the country were very effective.

2.14 Popularization of inventions

"Sri Lanka Inventors" - YouTube Access

This new programme was introduced to expose inventions that are potential for commercialization, aiming at assistance of national and international investors for this commercialization process and to provide background to go forward with new technologies. This YouTube channel provides facilities for inventors to aware of innovations and get an understanding on the process of applying for patents quickly at any time.

Sri Lanka Inventors
1K subscribers

HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

Uploads PLAY ALL SORT BY

Microorganism Destroying & Air Filtering Unit with Nano...
56 views • 1 month ago

"Magicbit" IoT platform
80 views • 2 months ago

"Magicbit" a rich, easy to learn and cost effective...
36 views • 2 months ago

Dr N. R. S Ariyaratna received the first Sri Lanka...
55 views • 2 months ago

Coconut Kernel Chips Maker
127 views • 4 months ago

By Inventor Nimal...
105 views • 10 months ago

Instant Jack Seed Flour By Inventor Nimal...
105 views • 10 months ago

Tamarind Dry Mixture By Inventor Nimal...
63 views • 10 months ago

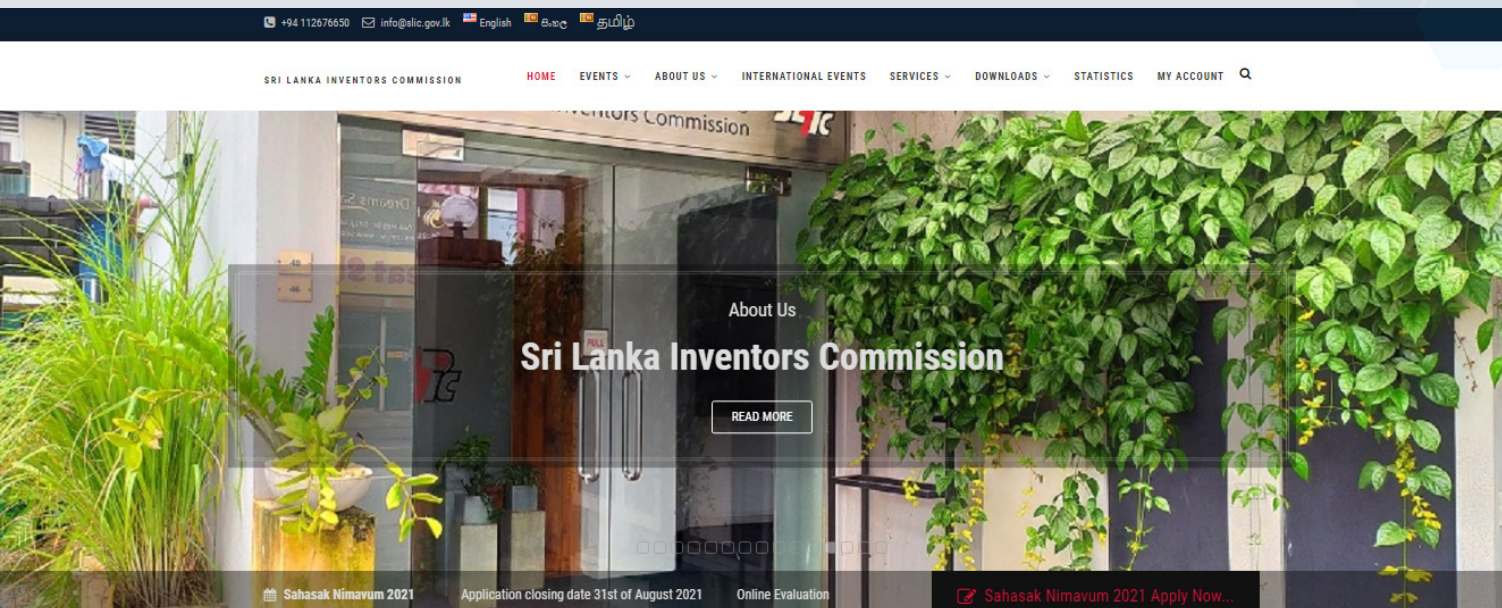
Wood Apple Magic Mixture By Inventor Nimal...
80 views • 10 months ago

N.V. Rishan Dulanjana
229 views • 1 year ago

Official Website

Official website of the Sri Lanka Inventors Commission is now available with new preface that included useful information. This has been designed to provide broad service to inventors, investors and Sri Lankan community interested in innovations.

The special feature of this website is facilities available for the people who seek innovative solutions for the issues of the industrial sector to link with inventors through the coordination of the Commission.



Register to link with our service



Inventors Registration

You can register in our organization. We will inform and guide you for success through Invention and Innovation

[READ MORE](#)



Company / Institute Registration

Companies/ Investors and Business peoples can register here to link with the latest inventions in Sri Lanka. Prosperity through invention...

[READ MORE](#)



Inventor Clubs

Promoting and facilitating for nations innovations are the main responsibilities of Sri Lanka Inventors Commission (SLIC). Commission conducts several programmes with the intention...

[READ MORE](#)



Strategic Partnership with IEEE EMBS Student Branch Chapter of the University of Moratuwa

Sri Lanka Inventors Commission contribute to develop inventions in the field of Bio Medical Engineering joining hands with ISC 2021 Summit organized by IEEE Engineering in Medicine and Biology Student Branch Chapter of the University of Moratuwa, as a strategic partner.

In this summit introduced inventions in the field of medical images, bio signal and bio mechanical sciences and launched new researches. Further, inventions aimed at mitigation of prevailing COVID-19 pandemic were unveiled at the summit.

Media Campaigns

Within the requirement for popularization of local inventions for creating innovative culture in Sri Lanka, media campaigns given a special place. Therefore, Sri Lanka Inventors Commission coordinated with digital, printed and social media and gets the voluntary support from the media.

A number of media programmes have been implemented by the Commission to make the general public aware of inventions and innovations without any publicity expenses and some examples are given below:

➤ Inventor-Investor Linkage (IIL) programmes

A series of Inventor-Investor Linkage (IIL) programmes named as “1 මගේ රට” was telecasted on full patronage of ITN channel.

Are you ready for an International Conference Experience?

Take the first, life changing step in your publication career.

**ISC
2021
MORATUWA**

IEEE EMBS International
Student Conference
6th - 7th February 2021

The next big step for Biomedical Engineering

**Submit
your**

- Papers
- Abstracts
- Posters

**Submission
Deadline
for Papers:**

14 Dec 2020

**Be ready with your papers!
Start today!**





89.6/ 89.8

නවෝත්පාදන දැක්ම Innovation Outlook

ප්‍රති 16 අඟහරුවාදා දින උදෑසන 7.00 ට

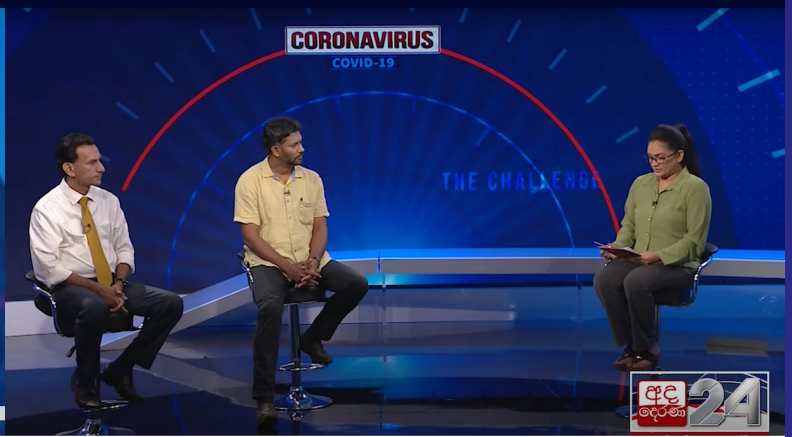
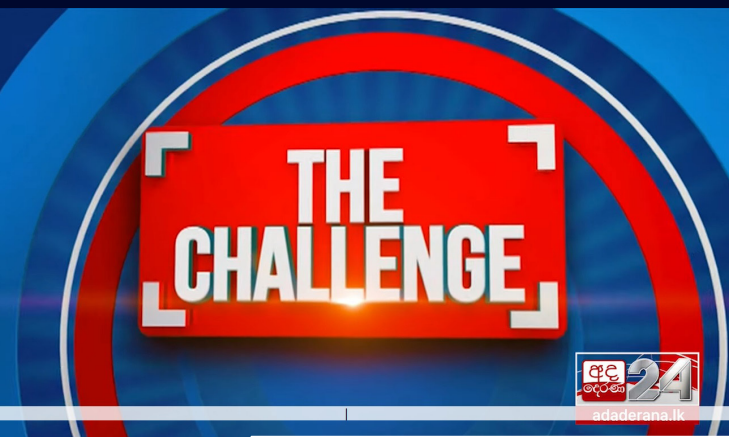
EPISODE 22

➤ City Fm – “Innovation Outlook” “නවෝත්පාදන දැක්ම” programme

Innovation Outlook (“නවෝත්පාදන දැක්ම”) programme is broadcasting on City Fm channel of Sri Lanka Broadcasting Corporation on all week days at 7 a.m. with the support of Sri Lanka Inventors Commission. 18 programmes of this series were already broadcasted with the participation of 28 inventors.

➤ “THE CHALLENGE” – inventions that trend to be a rebel and not the fashion

Several inventions were publicized through full patronage of “Derana” television channel.



➤ Inventions for “Sirasa” Gammedda

Sri Lanka Inventors Commission with the Sirasa “Gammedda” programme conducted an innovation programme at Thakshila Collage, Nochchiyagama.





➤ Derana "STARTUP 2021"

The Commission performs as a strategic partner for Derana "STARTUP 2021" programme initiated by derana TV channel for the attempt to create inventors based on public-private partnership. During the year 2020 evaluation procedure was initiated.

"STARTUP 2021" is a reality programme aiming at providing consultancy to develop young inventors. This programme give the opportunity to get the assistance of Business Consultant and also have the advantage of modernization of the invention at commercialization level, gather business knowledge, experience and skills. The winners of the programme receive grants to start their own businesses.



ව්‍යවසායක කිරුලේ මිලඟ පියවර ව ඔබ සුදානම් ද?

DERANA STARTUP 2021 තරගයේ ඉදිරි තොරතුරු සඳහා අප සමගින් රැඳීසිටින්න.



➤ Support of printed media for the attempt of the Commission

Printed media also give full support to socialize inventions highlighting its significance.

2.15 National Inventor's Day

In every year, October 26th has been named as the National Inventor's Day by the approval of the Cabinet of Ministers for appreciation of role of the inventors and their contribution for economy of the country. This day has been declared on birth day of Deshabandu Dr. A. N. S. Kulasinghe, an expertise Engineer and the first Commissioner of the Sri Lanka Inventors Commission, as tribute to commendable service delivered by him.

Accordingly, on this special day Inventors Commission had the great prospect of bestowing the "Ali Weta" (electric fence) constructed with inventions of Sri Lankan inventors, to the people of Karuwalagaswewa area.

2.16 Human Resources Development

Sri Lanka Inventors Commission is assigned the great responsibility of delivering utmost support to local inventors. Therefore, measures were taken to conduct training programmes on the subject field, to improve the competencies of its staff for qualitative and efficient service delivery to the inventors.

Training programmes conducted during the year 2020 is as follows :

- The entire staff of the Commission participated at programme on positive thinking and employee motivation, conducted by Center for Psychology and Strategic Education, free of charge.
- One officer participated for 02 year postgraduate programme for Master of Business Studies (MBS) and another officer for Higher National Diploma in Public Procurement and Contract Administration (HN- DIPPCA) – 2020/2021 (01 year).
- The Out Bound Training for employee motivation and cooperation was conducted at the vicinity of Sinharaja rain forest with the participation of all the staff.



3. Financial Statements

Annual Accounts 2020

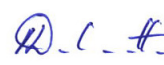
SRI LANKA INVENTORS COMMISSION Statement of Financial Position

As at 31st December	Note	2020 LKR	2019 Restated LKR
ASSETS			
Current Assets			
Cash & Bank Balance	1	66,587,892	101,732,442
Festival Advance		-	3,300
Debtors		10,491,776	1,010
Other Receivable		10,000	56,401
Refundable deposit	2	2,407,000	2,405,000
Distress Loan		756,212	676,723
Loans under COVID 19 Programme		994,714	-
Receivable from National Apprentice & Industrial Training Authority		7,560	7,560
Other Advances		136,633	136,633
Prepayments	3	592,860	2,270,558
Loan From Sri Lanka Inventors Fund		1,050,885	10,289,283
(Less) Provision for doubtful debtors (100%)	4	(9,802,964)	(9,802,964)
Fuel Deposit		100,000	100,000
Stock of T-Shirt	5	414,480	415,265
Stock of Stationery	5	445,954	485,246
		74,193,002	108,776,456
Non- Current Assets			
Loan From Sri Lanka Inventors Fund		2,198,830	236,600
Loans under COVID 19 Programe		994,376	
Distress Loan		2,672,247	2,493,253
Property and Equipment	6	35,478,691	9,953,626
		41,344,145	12,683,479
Total Assets		115,537,147	121,459,935
FUNDS & LIABILITIES			
Current Liabilities			
Creditors	7	167,330	3,862,139
Accrued Expenses	8	2,365,509	12,185,469
		2,532,840	16,047,609
Non-Current Liabilities			
Provision For Gratuity	9	3,682,614	2,820,257
IAFM-SL	10	36,472,155	46,472,155
Fund for National Incubation Centre	11	45,417,472	51,202,448
Government Capital Grant	12	14,334,314	(3,842,091)
Sri Lanka Inventors Fund	13	13,240,886	8,998,495
Total Liability		115,680,281	121,698,872
Net assets		(143,134)	(238,937)
NET ASSETS/EQUITY			
Accumulated Fund		(143,134)	(238,936)
Total Net assets/ Equity		(143,134)	(238,936)

The Significant Accounting Policies and Notes to the Financial Statements on pages 47 to 55 form an integral part of these Financial Statements.



D.A. Sarathchandra
Assistant Director (Finance)

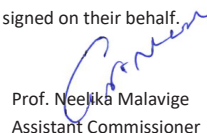


N.N.W. Dolawatta
Director/CEO

The Board of Directors is responsible for the preparation and presentation of these Financial Statements. These Financial Statements were approved by the board of directors and signed on their behalf.



Prof. R. U. Halwatura
Commissioner



Prof. Neelika Malavige
Assistant Commissioner

Annual Accounts 2020

SRI LANKA INVENTORS COMMISSION

Statement of Financial Performance

For the year ended 31st December

	Note	2020 LKR	2019 Restated LKR
INCOME			
Government Contribution			
- Recurrent	14	40,600,000	42,699,775
- Projects /Programmes	18	4,355,907	69,430,417
-Capacity Building		270,000	352,315
Capital Grants Amortization - Fixed Assets	6	1,735,688	1,815,558
Incubation Fund Amortization - Machinery and Equipment		5,784,976	37,639
Other Income	15	1,559,070	359,143
Total Income		54,305,639	114,694,846
EXPENSES			
Personal Emoluments	16	17,430,480	17,557,905
Administration & Establishment Expenses	17	25,154,266	29,719,337
Depreciation - Fixed Assets	6	7,520,664	1,853,197
Gratuity	9	862,357	708,053
Inventors Incentives Expenses	18	4,355,907	69,430,417
Other Expenses	19	7,863	15,604
Total Expenditure		55,331,537	119,284,512
Surplus/(Deficit) for the year		(1,025,898)	(4,589,666)

The Significant Accounting Policies and Notes to the Financial Statements on pages 47 to 55 form an integral part of these Financial Statements.

SRI LANKA INVENTORS COMMISSION

Statement of Changes In Equity

Note	Accumulated Fund	Total Equity
	LKR	LKR
Balance as at 01st January 2019	4,302,294	4,302,294
Surplus/(Deficit) for the year 2019	(4,589,666)	(4,589,666)
Cancellation of previous year payment	28,800	28,800
Return previous year expenses from NERD	182,181	182,181
Balance as at 31st December 2019	(76,391)	(76,391)
<u>Prior Year Adjustment - 2019</u>		
Adjusted over depreciation	11,352	11,352
Incubation Fund Over Amortization - Machinery and Equipment	(11,352)	(11,352)
Correction of prepayment of other contractual service	(166,833)	(166,833)
Reported prepayment on capital expenses	118,828	118,828
Recorded accrued expenses related to 2019	(114,541)	(114,541)
Balance as at 31st December 2019 (Restated)	(238,936)	(238,936)
Balance as at 01st January 2020	(238,936)	(238,936)
Surplus/(Deficit) for the year 2020	(1,025,898)	(1,025,898)
Settlement of grant which grant on 2018 - W.M Jayawardena	603,810	603,810
Payment cancellation	6,000	6,000
Overpayment panel fee	1,260	1,260
Refend expenses from NERD	521,531	521,531
Correction of Distress Loan ledger balance	(10,902)	(10,902)
Balance as at 31st December 2020	(143,134)	(143,134)

The Significant Accounting Policies and Notes to the Financial Statements on pages 47 to 55 form an integral part of these Financial Statements.

SRI LANKA INVENTORS COMMISSION

Statement of Cash Flows

For the year ended 31st December

	Note	2020 LKR	2019 LKR
Cash flows from Operating Activities			
Surplus/ (deficit)		(1,025,898)	(4,589,666)
Non-cash movement			
Depreciation	6	7,520,664	1,864,549
Differed income on capital grant for Projects /Programs	18	(4,355,907)	(69,430,417)
Differed income on Staff Capacity Building		(270,000)	(352,315)
Capital Grants Amortization - Fixed Assets		(7,520,664)	(1,864,549)
Computer Grant from NIPO		(70,000)	-
Payment cancellation		-	28,800
Provision for gratuity	9	862,357	708,053
Disposal Gain		-	(300)
Distress Loan correction		(10,902)	-
Disposal loss		2,732	15,360
Adjustments for :			
Changes of debtors (Other than unpaid loans)		1,010	240
Changes of stock of stationery		39,292	(53,800)
Changes of stock of T-shirts		785	260,620
Changes of Prepayments	3	1,677,698	1,962,846
Changes of festival advance		3,300	-
Changes of accrued expenses		(9,819,960)	10,325,412
Changes of other receivables		46,401	(56,401)
Changes of refundable deposit		(2,000)	5,000
Changes of creditors		(3,694,809)	3,857,339
Cash received related to prior year		1,132,601	182,181
		(15,483,301)	(57,137,047)
Gratuity paid		-	-
Net cash flows from operating activities		(15,483,301)	(57,137,047)
Cash flows from Investing Activities			
Purchase of fixed assets	6	(32,978,461)	(5,427,862)
Sale Proceeds		-	1,010
Loan repayment - from Inventors fund		469,552	490,340
Expenses from inventors fund		(935,566)	-
Distress loan grant		(981,649)	(1,697,626)
Distress loan repayment		709,169	562,933
Grant under COVID 19 Programe		(4,808,043)	-
Loan under COVID 19 Programe		(2,350,000)	-
Loan under "Nawanipaum Diriya programe"		(3,324,250)	-
Net cash generated used in investing activities		(44,199,248)	(6,071,205)
Cash flows from Financing Activities			
Capital Grant		24,538,000	58,000,000
National Incubation Centre	11	-	5,000,000
Net cash generated from financing activities		24,538,000	63,000,000
Net increase/ (decrease) in cash and cash equivalents during the year		(35,144,550)	(208,250)
Cash and cash equivalents at the beginning of year		101,732,442	101,940,693
Cash and cash equivalents at the end of the year		66,587,892	101,732,442
Analysis of cash and cash equivalents			
A/C No.033-1-001-0-1791066		10,965,343	905,441
A/C No.033-1-001-2-1791065		54,567,720	100,664,518
A/C No.204402131791066		1,054,829	162,483
		66,587,892	101,732,442

The Significant Accounting Policies and Notes to the Financial Statements on pages 47 to 55 form an integral part of these Financial Statements.

SRI LANKA INVENTORS COMMISSION

Comparison of Budget and Actual Funds

LKR

	Approved Budget		Fund Released by Treasury	
	2020	2019	2020	2019
Recurrent	40,600,000.00	50,000,000.00	40,600,000.00	42,699,775.00
Capital	43,300,000.00	90,000,000.00	24,538,000.00	58,000,000.00
Total	83,900,000.00	140,000,000.00	65,138,000.00	100,699,775.00

Year	Govt. Contribution Capital (LKR)
1991	163,050.00
1992	1,700,000.00
1993	-
1994	250,000.00
1995	196,000.00
1996	113,500.00
1997	757,000.00
1998	1,700,000.00
1999	290,000.00
2000	4,500,000.00
2001	2,870,000.00
2002	700,000.00
2003	2,500,000.00
2004	621,000.00
2005	5,997,000.00
2006	33,991,000.00
2007	37,100,000.00
2008	24,106,000.00
2009	15,765,000.00
2010	4,500,000.00
2011	6,151,010.00
2012	21,562,000.00
2013	17,061,000.00
2014	40,000,000.00
2015	30,269,992.00
2016	57,248,655.00
2017	73,133,822.00
2018	85,750,000.00
2019	58,000,000.00
2020	24,538,000.00

Special Projects (Budget Proposal - 2017)

Project name	Govt. Contribution Capital (LKR)	
	2020	2019
Innovation Accelerator Funding Mechanism -Sri Lanka (IAFM-SL)	-	-
National Incubation Centre	-	5,000,000.00

Significant Accounting Policies**1 Commission Information****1.1. Reporting Entity**

Sri Lanka Inventors Commission is a statutory body established in terms of the Sri Lanka Inventors Incentives Act No. 53 of 1979 for the encouragement, promotion and manufacture of Sri Lanka inventions and for the activities in connected therewith. The Commission is functioning under the purview of the Ministry of Science, Technology and Research.

In the year 2020 the office of the Commission is located at the No. 46 & 48, Cotta Road, Colombo 08.

2 Basis of Preparation

This section provides the basis of preparation of Financial Statements including significant accounting policies and application of Sri Lanka Public Sector Accounting Standards and related statutory requirements.

2.1. Statement of Compliance

The Financial Statements of the Commission, as at 31st December 2020 and for the year ended, have been prepared and presented in accordance with Sri Lanka Public Sector Accounting Standards (SLPSAS), laid down by the Public Sector Accounting Stranded Committee of the Institute of Chartered Accountants of Sri Lanka with the participation of Auditor General and Ministry of Finance and Planning.

- These Financial Statements include the following components:
- Statement of Financial Performance.
- A Statement of Financial Position providing the information of the Commission.
- A Statement of Changes in Equity depicting all changes in equity during the year under review of the Commission.
- A Statement of Cash Flow providing the information to the users, on the ability of the Commission to generate cash and cash equivalents and the needs of entity to utilize those cash flows.
- Notes to the Financial Statements comprising accounting policies and other explanatory information.

2.2. Responsibility for Financial Statements

The Board of Directors is responsible for preparation and presentation of these Financial Statements of the Commission as per the provision of the SLPSAS.

Significant Accounting Policies (Cont.)**2.3. Basis of Measurement**

The Financial Statements of Sri Lanka Inventors Commission have been prepared on accrual basis under historical cost convention and applied consistently with no adjustment being made for inflationary factors.

2.4. Functional and presentation currency

The Financial Statements of the Commission are presented in Sri Lanka Rupees, which is the institute's functional currency. Financial information presented in Sri Lankan Rupees.

2.5. Use of Materiality, Offsetting and Rounding**2.5.1. Materiality & Aggregation**

Each material class of similar items is presented separately in the financial statements. Items of dissimilar nature or function are presented separately unless they are immaterial, as permitted by the Sri Lanka Public Sector Accounting Standards (SLPSAS) 1 on "Presentation of Financial Statements".

2.5.2. Offsetting

Assets & liabilities and income & expenses in the Financial Statements are not set off unless requires or permitted by Public Sector Accounting Standards.

2.5.3 Rounding

The amounts in Financial Statements have been rounded off to the nearest Rupees.

2.6. Going Concern

The Financial statements of the Commission has been prepared on the going concern basis.

2.7. Events after the reporting period

According to SLPSAS 6, events after the reporting period are those events, favorable and unfavorable, that occur between the reporting date and the date when the Financial Statements are authorized for issue.

In this regard, there is no any events after the reporting period for this year.

3 Foreign Currency Transactions

The entity translates foreign currency items into its functional currency and reports the effects of such translation according to SLPSAS 5.

Significant Accounting Policies (Cont.)**4 Property and Equipment****4.1. Basis of Recognition**

Property and equipment are tangible items that are held for servicing, or for administrative purposes, and are expected to be used during more than one year.

4.2. Basis of Measurement

An item of Property and equipment that qualifies for recognition as an asset is initially measured at its cost. Cost includes expenditure that is directly attributable to the acquisition of the asset and cost incurred subsequently to add to or replace a part of it.

Purchased software that is integral to the functionality of the related equipment is capitalised as a part of computer equipment.

When parts of an item of property and equipment have different useful lives, they are accounted for as separate items (major components) of property & equipment.

Repairs & Maintenance Repairs and maintenance are charged to the Statement of Profit or Loss during the financial period in which they are incurred. The cost of major renovations is included in the carrying amount of the assets when it is probable that future economic benefits in excess of the most recently assessed standard of performance of the existing assets will flow to the Company and the renovation replaces an identifiable part of the asset. Major renovations are depreciated during the remaining useful life of the related asset.

4.3. Depreciation

Depreciation is recognized in the Statement of Profit or Loss on a straight-line basis over the estimated useful lives of each part of an item of property and equipment.

The estimated useful lives for the current and comparative years are as follows:

Class of asset	Percentage per annum	Period (Years)
Office Furniture	15%	06 2/3
Office Equipment	20%	05
Name Boards	10%	10
Vehicle	20%	05
Media Equipment	20%	05
TV & Video Cassette	20%	05
Office Fittings	15%	06 2/3
Incubation Machineries and Equipment	20%	05

Significant Accounting Policies (Cont.)

Sri Lanka Public Sector Accounting Standard (SLPSAS) 7 is being applied for the annual financial statements from beginning of January 1, 2014.

4.4. Fully Depreciated Property & Equipment

The cost of fully depreciated property & equipment of the commission which are still in use as at the financial position date are as follows:

As at 31st December	2020 LKR	2019 LKR
Office Furniture	708,582	708,582
Office Equipment	5,487,982	6,214,432
Vehicle	16,470,191	16,470,191
Media Equipment	1,354,940	1,266,440
TV & Video Cassette	111,750	111,750
Total	24,133,445	24,771,395

4.5. Property & Equipment Retired from Active Use

Following property & equipment of the commission were retired from active use as at the reporting date.

As at 31st December	2020 LKR	2019 LKR
Office Equipment	98,887	98,887
Name boards	110,805	110,805
Exhibition Stall	37,690	37,690
Office Fittings	1,065,682	1,085,682
Total	1,313,064	1,333,064

5 Defined Contribution Plan – Employees’ Provident Fund and Employees’ Trust Fund (EPF & ETF)

Employees are eligible for Employees’ Provident Fund contributions and Employees’ Trust Fund contributions in line with respective statutes and regulations. The Commission and employees contribute 15% and 10% of gross emoluments of employees to Employee’s Provident Fund. The Commission contribute 3% of gross emoluments of employees to the Employees’ Trust Fund.

6 Funds

The Government contribution to the Sri Lanka Inventors Commission is provided in the Annual Estimate of the Government under two distinct items, namely:

1. Funds for Recurrent Expenditure
2. Funds for Capital Expenditure

The Recurrent grant is taken to the Income & Expenditure Account and the Capital grant is accounted as per LKAS 20.

Significant Accounting Policies (Cont.)

The Recurrent Expenditure of the Commission is shown in the Income and Expenditure Account under:

1. Administration and Establishment Expenditure
2. Personal Emoluments

Capital Expenses represent Expenditure incurred by the Commission on activities undertaken by it towards fulfillment of the objectives of the Sri Lanka Inventors Incentives Act No. 53 of 1979

7 Cash Flow

Cash Flow Statement of Sri Lanka Inventors Commission is prepared in according to the SLPSAS 2, indirect method.

8 Collection funds / Donations from sponsors & third parties

Commission collects funds from sponsors & third parties through the provision account.

Notes to the Financial Statements (Cont.)

	2020	2019
	LKR	Restated LKR
1 Cash & Bank Balance		
Cash Book- 033100101791066	10,965,343	905,441
Cash Book- 033100121791065	54,567,720	100,664,518
Cash Book- 204402131791066 (Foreign Currency)	1,054,829	162,483
Balance as at 31st December	66,587,892	101,732,442
2 Refundable deposit		
Gavinro Property Developers	2,400,000	2,400,000
Mobitel (Pvt)Ltd	2,000	-
Express Water System (Pvt) Ltd	5,000	5,000
Balance as at 31st December	2,407,000	2,405,000
3 Pre Payments		
Prepayment Contractual service	516,860	534,542
Prepayment of rent	-	1,617,188
Prepayment for Provincial	-	49,508
Prepayment Sahasak Nimeum	76,000	69,320
Balance as at 31st December	592,860	2,270,558
4 Provision for doubtful debtors 100%		
Balance as at 1st January	9,802,964	9,802,964
Provision for the Year	-	-
Balance as at 31st December	9,802,964	9,802,964
5 Stock Valuation (SLPSAS 9)		
Closing stock of stationery has been valued at <i>First in First out</i> (FIFO) Basis		
Stationery		
Balance as at 1st January	485,246	431,446
Purchase during the year	490,524	961,655
Expenses during the year	(529,816)	(907,855)
Balance as at 31st December	445,954	485,246
T-Shirts		
Balance as at 1st January	415,265	675,885
Purchase during the year	-	-
Expenses during the year	785	260,620
Balance as at 31st December	414,480	415,265

6 Depreciation - Fixed Assets

Annual Accounts 2020

	Office Equipment	Furniture Equipment	Name Boards	Vehicles	Exhibition Stall	Media Equipment	TV & Video Cassette	Office Fittings	Machinery and Tools (Incubation Centers)	Total
	LKR	LKR	LKR	LKR	LKR	LKR	LKR	LKR	LKR	LKR
Cost										
Balance as at 01st January 2019	11,746,927	2,426,391	211,305	16,470,191	37,690	1,367,990	950,300	1,159,502	-	34,370,296
Additions during the year	-	-	-	-	-	910,060	-	-	4,517,802	5,427,862
Disposals during the year	(4,470)	(14,166)	-	-	-	(13,050)	-	(20,000)	-	(51,686)
Balance as at 31st December 2019	11,742,457	2,412,224	211,305	16,470,191	37,690	2,264,999	950,300	1,139,502	4,517,802	39,746,471
Additions during the year	88,315	-	-	-	-	-	-	-	32,960,146	33,048,461
Disposals during the year	(773,390)	-	-	-	-	-	-	-	-	(773,390)
Balance as at 31st December 2020	11,057,382	2,412,224	211,305	16,470,191	37,690	2,264,999	950,300	1,139,502	37,477,948	72,021,542
Accumulated depreciation										
Balance as at 01st January 2019	7,745,356	1,232,941	151,113	16,458,958	37,690	1,338,312	470,478	540,420	-	27,975,265
Charge for the year	1,301,200	255,547	10,050	11,233	-	58,713	167,742	11,073	37,639	1,853,197
Disposals	(2,868)	(14,166)	-	-	-	(13,050)	-	(5,532)	-	(35,616)
Balance as at 31st December 2019 (Restated)	9,043,688	1,474,321	161,163	16,470,191	37,690	1,383,975	638,220	545,961	37,639	29,792,845
Charge for the year	1,097,319	255,547	10,050	-	-	193,990	167,710	11,073	5,784,976	7,520,664
Disposals	(770,658)	-	-	-	-	-	-	-	-	(770,658)
Balance as at 31st December 2020	9,370,349	1,729,868	171,213	16,470,191	37,690	1,577,965	805,930	557,034	5,822,614	36,542,851
Net book value										
As at 31st December 2019	2,698,769	937,902	50,143	0	-	881,024	312,080	593,540	4,480,163	9,953,626
As at 31st December 2020	1,687,033	682,356	40,093	0	-	687,034	144,370	582,467	31,655,334	35,478,691

Notes to the Financial Statements (Cont.)

	2020	2019
	LKR	Restated LKR
7 Other Payables		
Creditors	167,330	3,862,139
Balance as at 31st December	167,330	3,862,139
8 Accrued Expenses		
Cleaning Charges Payable	56,235	59,411
Water Charges Payable	13,080	7,837
Electricity Charges Payable	105,863	122,568
Communication Charges Payable	58,277	39,782
Fuel & Lubricant Payable	59,165	21,997
Audit Fees Payable	874,700	1,724,300
Inland Revenue - PAYE Payable	-	1,398
Overtime payable	189,858	122,113
Other contractual payable	89,050	141,980
Sahasak Nimeum Payable	826,784	6,334,534
Other Allowances Payable	2,000	96,500
Travelling Payable	25,987	4,070
Vehicle Repair & Maint. Payable	-	25,982
Inventor-Inventions Promotions	46,500	2,326,054
International Exhibition Payable	-	111,003
Provincial Level Payable	-	177,000
Invigroating Grassroot Payable	-	6,000
Stationery Payable	-	111,686
Stamp Duty Payable	3,750	1,950
Inventors Club Payable	-	715,000
Other Administration Payable	14,260	21,080
Fin as. for patent fil Payable	-	13,225
Balance as at 31st December	2,365,509	12,185,469
9 Gratuity		
Provision for staff gratuity has been made in terms of the payment of Gratuity		
Balance as at 1st January	2,820,257	2,112,204
Provision for the Year	862,357	708,053
Gratuity payment during the year	-	-
Balance as at 31st December	3,682,614	2,820,257
10 Innovation Accelerator Funding Mechanism - Sri Lanka (IAFM-SL)		
Balance as at 1st January	46,472,155	5,000,000
Fund Received	-	50,599,755
Expenses during the year	-	(9,127,600)
Transfer to Inventors Fund	(10,000,000)	-
Balance as at 31st December	36,472,155	46,472,155
11 Fund for National Incubation Centre		
Balance as at 1st January	51,202,448	46,240,087
Fund Received		5,000,000
Expenses on Establishment of Incubators		
Ammortization of on University of Rajarata	5 (2,716,097)	(28,039)
Ammortization expenses on University of Ruhuna	5 (3,068,879)	(9,599)
Balance as at 31st December	45,417,472	51,202,448
12 Capital Grant		
Balance as at 1st January	(3,842,092)	9,756,200
Fund Received	24,538,000	58,000,000
Expenses for project activities	17 (4,355,907)	(69,430,417)
Staff Capacity Building	(270,000)	(352,315)
Capital Grant Ammortization - Fixed Assets	5 (1,735,688)	(1,815,558)
Balance as at 31st December	14,334,314	(3,842,092)
13 Sri Lanka Inventor's Fund		
Balance as at 1st January	8,998,495	8,998,495
Fund Received From IFMSL	10,000,000	-
Distributed Grant under "COVID 19 Programme"	(4,822,043)	-
Payment for NERD - Build Mould	(630,000)	-
Panel payment for COVID Evaluation	(125,000)	-
Payment for ITI - Testing Reports	(176,040)	-
Payment for Nano Technology (Pvt) Ltd - Testing Reports	(4,526)	-
Balance as at 31st December	13,240,886	8,998,495
14 Government Contribution		
Government contribution summary is given below.		
<u>According to the SLAS 24</u>		
Recurrent Grant	40,600,000	42,699,775
Capital Grant	24,538,000	58,000,000
For the Year	65,138,000	100,699,775

Notes to the Financial Statements

	2020	2019
	LKR	Restated LKR
15 Other Income		
Distress Loan Interest	112,336	117,617
Foreign Currency Interest	10,601	825
Miscellaneous income	70,694	78,500
Disposal Profit	-	300
SN Registraion Fee	1,322,051	161,901
Royalty Income	43,387	-
	1,559,070	359,143
16 Personal Emoluments		
Salaries and Wages	10,881,623	9,729,078
Cost of Living Allowances	2,169,028	2,209,035
Professional Allowance	131,768	143,806
Other Allowances	565,500	583,500
No-Pay Charges	(2,511)	(14,895)
Acting Allowance Expenses	-	115,438
Adjustment Allowance	-	145,631
EPF Expenses	1,957,221	1,788,483
Employees Trust Fund Expenses	391,444	357,697
Overtime and Holiday Payment	406,108	872,738
Remuneration to members	660,299	1,275,080
Staff Capacity Building	270,000	352,315
	17,430,480	17,557,905
17 Administration & Establishment Expenses		
Traveling Expenses - Local	149,471	508,121
Traveling Expenses - Foreign	-	32,550
Stationeries	539,709	1,054,432
Fuel and Lubricant Expenses	582,417	658,844
Repair & Maintenance -Equipment	24,820	161,672
Repair & Maintenance - Vehicle	923,526	1,243,257
Postage Charges	43,035	102,851
Communication Charges	697,679	639,103
Utilities Expenses	39,853	42,645
Contractual Expenses	1,694,084	1,921,055
Electricity Charges	1,290,361	1,784,374
Cleaning Expenses	499,913	700,244
Water Charges	84,741	94,614
Rental Expenses	14,835,938	17,173,438
Entertainment Expenses	217,378	268,909
News Papers and Periodicals Expenses	-	1,871
Audit Fees	75,000	488,067
Operating Lease Rental	2,387,400	2,387,400
Other Administration Expenses	1,068,941	455,890
	25,154,266	29,719,337
18 Inventors Incentives Expenses		
Invigorating grass root level	61,180	417,440
Provincial level selection Exhibitions	922,971	3,865,778
National Inventors' Day Programme	-	-
"Innova Minds" Television Programe	-	365,730
Inventor-Inventions Promotions Activities	904,194	6,935,565
Presidential Awards	-	18,000
Quality Enhancement of jury	-	-
"Sahasak Nimavum" National Exhibition	1,017,820	22,098,263
Participation Expenses for International Exhibitions	-	20,121,250
SLIC Infrastructure Enhancement	-	3,803
Financial assistant for patent fill	-	172,504
Conducting awareness programmes	557,812	1,198,444
Conducting workshops / seminars	-	159,553
Support inventors in patent	37,210	475,438
SLAAS - FITI - 2020	509,750	-
Wild Life Programe	344,971	-
Establishing Inventors Club	-	1,910,377
Quartely Meeting with Inventors	-	369,890
SHILPASENA	-	11,318,383
	4,355,907	69,430,417
19 Other Expenses		
Loss on Assets Disposal	2,732	15,360
Loss on Foregn Currency Transaction	5,131	206
WHT from Foreign Currncy Account	-	38
	7,863	15,604

NATIONAL AUDIT OFFICE

My No.: TEC/B/SLIC/1/20/12

31 May 2021

Commissioner,
Sri Lanka Inventors Commission

Report of the Auditor General on the Financial Statements and Other Legal and Regulatory Requirements of the Sri Lanka Inventors Commission for the year ended 31 December 2020 in terms of Section 12 of the National Audit Act, No. 19 of 2018.**1. Financial Statements****1.1 Opinion**

The audit of the financial statements of the Sri Lanka Inventors Commission for the year ended 31 December 2020 comprising the statement of financial performance, changes in equity statement and cash flow statement for the year then ended and notes to the financial statements, as at 31 December 2020 including a summary of significant accounting policies, was carried out under my direction in pursuance of provisions in Article 154(1) of the Constitution of the Democratic Socialist Republic of Sri Lanka read in conjunction with provisions of the National Audit Act No. 19 of 2018. My report to Parliament in pursuance of provisions in Article 154 (6) of the Constitution will be tabled in due course.

In my opinion financial statements of the Sri Lanka Inventors Commission give a true and fair view of the financial position of the Commission as at 31 December 2020, and of its financial performance and its cash flows for the year then ended in accordance with Sri Lanka Public Sector Accounting Standards.

1.2 Basis for Opinion

I conducted my audit in accordance with Sri Lanka Auditing Standards (SLAuSs). 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 believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

1.3 Other information included in the Annual Report 2020 of the Commission

The other information is defined as the information that are not included in my audit report but included in the Annual Report 2020 of the Commission, due to be forwarded to me after the date of this Audit Report. The management is responsible for this other information.

My opinion on Financial Statement does not reveal the other information and I will not give any sort of guarantee or opinion regarding these information.

My responsibility in relevant to auditing financial statements stands reading the other information whenever they are available and while doing so, consider whether there are material mismatches in the financial statements according to my knowledge obtained by auditing or any other way.

If I conclude material misstatements when reading Annual Report 2020 of the Commission, these matters should be communicated to governing parties for rectification. If further misstatement that are not rectified, these will be included in the report to be tabled in Parliament in due course by me, in accordance with Article 154 (6) of the Constitution of the Democratic Socialist Republic of Sri Lanka.

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

Management is responsible for the preparation of financial statements that give a true and fair view in accordance with Sri Lanka Public Sector Accounting Standards and for such internal control as management determine 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 Commission'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 either intends to liquidate the Commission or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Commission's financial reporting process.

As per Section 16(1) of the National Audit Act No. 19 of 2018, the Commission is required to maintain proper books and records of all its income, expenditure, assets and liabilities, to enable annual and periodic financial statements to be prepared of the Commission

1.5 Auditor's Responsibilities for the Audit of the Financial Statements

My objective is 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 Sri Lanka Auditing Standards 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 Sri Lanka Auditing Standards, I exercise professional judgment 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 Company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the management.
- Conclude on the appropriateness of the 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 Commission'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 Commission 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, significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

2. Report on Other Legal and Regulatory Requirements

2.1 National Audit Act, No. 19 of 2018 includes specific provisions for following requirements.

- 2.1.1 I have obtained all the information and explanation that required for the audit and as far as appears from my examination, proper accounting records have been kept by the Commission as per the requirement of section 12 (a) of the National Audit Act, No. 19 of 2018.
- 2.1.2 Financial statements presented is consistent with the preceding year as per the requirement of section 6 (1) (d) (iii) of the National Audit Act, No. 19 of 2018.
- 2.1.3 The financial statements presented includes all the recommendations made by me in the previous year as per the requirement of section 6 (1) (d) (iv) of the National Audit Act, No. 19 of 2018.

2.2 Based on the procedures performed and evidence obtained were limited to matters that are material nothing has come to my attention;

- 2.2.1 to state that any member of the governing body of the Commission has any direct or indirect interest in any contract entered into by the Commission which are out of the normal cause of business as per the requirement of section 12 (d) of the National Audit Act, No. 19 of 2018.
- 2.2.2 to state that the Commission has not complied with any applicable written law, general and special directions issued by the governing body of the Commission as per the requirement of section 12 (f) of the National Audit Act, No. 19 of 2018
- 2.2.3 to state that the Commission has not performed according to its powers, functions and duties as per the requirement of section 12 (g) of the National Audit Act, No. 19 of 2018
- 2.2.4 to state that the resources of the Commission had not been procured and utilized economically, efficiently and effectively within the time frames and in compliance with the applicable laws as per the requirement of section 12 (h) of the National Audit Act, No. 19 of 2018

2.3 Other matters

- (a) The opening balance available in the Innovation Acceleration Fund, that was introduced in year 2017 with the provisions of Rs. 5 Mn aiming at establishment of a mechanism to commercialize inventions by Sri Lankan inventors and promote their researches, as at beginning of the year under review amounted to Rs. 46,472,155 had not been utilized for any purpose except transferring Rs. 10 Mn to the Inventors Fund.
- (b) Hundred percent doubtful debts had been allocated for the loans granted to inventors valued at Rs. 9,802,964, without taking appropriate measures to recover this loan balance.

W.P.C. Wickramaratne
Auditor General



ශ්‍රී ලංකා නව නිපැයුම්කරුවන්ගේ කොමිෂම

අංක : 46 සහ 48, කොටා පාර, කොළඹ 08.
දුරකථන : 011-2676650 ෆැක්ස් : 011-2676646
ඊ මේල් : info@slic.gov.lk වෙබ් අඩවිය : www.slic.gov.lk

இலங்கை புத்தாக்குனர் ஆணைக்குழு

46 & 48, கொட்டா வீதி, கொழும்பு 08.
தொலைபேசி : 011-2676650 தொலைநகல் : 011-2676646
மின்னஞ்சல் : info@slic.gov.lk இணையத்தளம் : www.slic.gov.lk

SRI LANKA INVENTORS COMMISSION

No : 46 & 48, Cotta Road, Colombo 08.
Tel : 011-2676650 Fax : 011-2676646
Email : info@slic.gov.lk Web : www.slic.gov.lk