



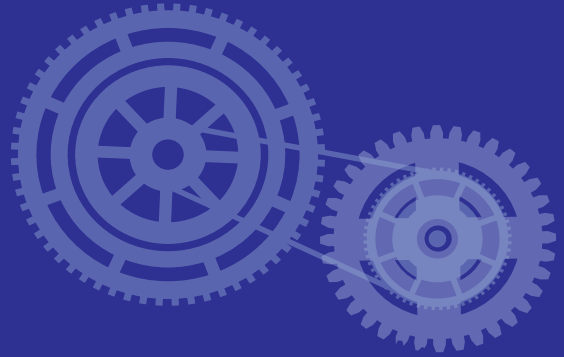
Presidential Awards For Sri Lankan Inventions 2008 - 2009 - 2010



SRI LANKA INVENTORS COMMISSION
MINISTRY OF TECHNOLOGY AND RESEARCH



Message from His Excellency the President of Democratic Socialist Republic of Sri Lanka



It gives me great pleasure to send this message of greetings to the award presentation ceremony for indigenous innovators.

Today independent Sri Lanka has become a haven for free thinking which would enlighten our journey towards becoming the Wonder of Asia. In my opinion innovations embody the qualitative development in the field of Research and Development .

During recent times plenty of oportunities were made available to local investors to contribute to the economic progress of the country. Incentives were offered to foreign investors too. In the prevailing congenial atmosphere local innovations are

properly valued and appreciated. Substantial incentives are also offered for development of research.

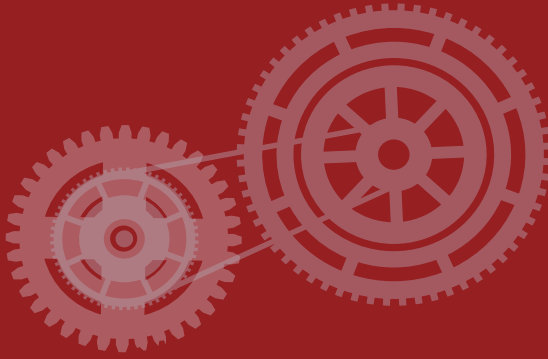
At a time when Sri Lanka has earned a distinctive image in the eyes of the international community it is innovative citizens who could embolden it further.

I hope that Sri Lanka would be able to produce amazing innovations in future. I wish this award presentation ceremony for innovators all success.

Mahinda Rajapaksa
The President of Dem. So. Rep. S.L.

January 02 , 2012

Message from the Minister of Technology and Research



I extend my warm greetings to the annual presidential awards ceremony conducted by the Sri Lanka Inventors Commission.

This year's event is of special significance since this is the first Presidential Awards presentation to the Sri Lankan Inventors after the nation embracing the vision of becoming a knowledge hub in Asia.

The number of patents obtained by our inventors and the economic contribution made by them should be considered as an indicator when measuring our progress towards the goal of becoming a knowledge hub. In fact one significant contributor to the growth of a national economy is the added value created by local inventors through their creations.

It is in this context the importance of recognizing inventors must be appreciated. These awards not only recognizes the present inventors but

also encourage many others to engage in inventions and innovations.

It is our intention to see many more inventions with the potential to win local and international markets and contribute significantly to the growth of the economy.

The numerous incentives given by the government in the areas of research and development too will contribute to the generation of new inventions.

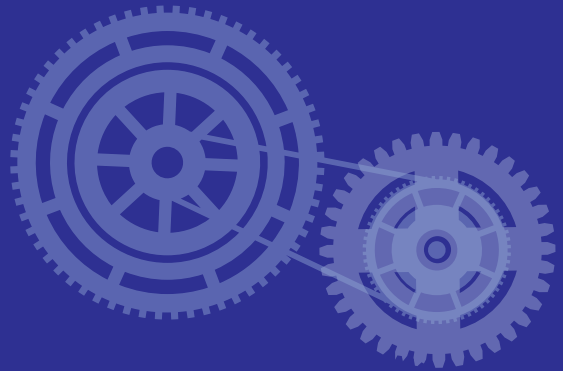
We want to see greater participation by the local business community by actively supporting the inventors in making their inventions commercialized thus creating job opportunities and economic benefits.

I congratulate all those who help the nation reach prosperity through inventions and innovations.

Hon. Pavithra Wanniarachchi
Minister of Technology and Research



Message from the Deputy Minister of Technology and Research



Technological advancement plays a vital role in the economic development of any country. Commercialization of research and inventions largely contribute to creating many windows of opportunity to the industrialists and other entrepreneurs to enhance the quality of their products and services of which the end beneficiaries would be the people of the country.

The Ministry of Technology and Research has taken far-reaching measures to ensure that investment in science could be translated into economic benefits whilst contributing to the overall economic development of the nation. In this regard the Ministry grants every encouragement and assistance to the researchers as well as inventors to engage in their chosen discipline in the most productive manner.

Recognition of outstanding contributions made by the inventors is a commendable exercise which would greatly encourage those with innovative ideas to demonstrate the best within them.

Therefore, it is very timely that the Sri Lanka Inventors Commission has decided to recognize those personalities who have demonstrated their inventing skills of the highest standard.

Whilst I congratulate the winners of the Presidential awards this year I wish that the initiative taken by the Sri Lanka Inventors Commission would help further to carry the message that the inventor as well as the country would gain only through commercialization of their inventions.

Hon. Faiszer Mushapha
Deputy Minister of Technology and Research

Presidential Awards
2008
Inventions



BEST INVENTIONS OF THE FIELD 2008

Public Welfare



A Refrigerator to store vaccines that maintains the required temperature even during power failures, up to 24 hours.



Refrigerator for storing Vaccines

Mr. M.A Prince Chandrasena
No.177, Kandy Road, 7th Post,
Mawathagama.
037-2299147 / 0777-155125

Industries & Technology



A Machine to automate the process of inserting under-wire of brassieres.



Machine to insert under-wire in to brassieres

Mr. Garusinghage Janaka Bandara Garusinghe
No.166 A-2, Maha Arambegedara,
Arambegama, Pilimatalawa.
0815673890

Engineering



Efficient cashew and fruits/vegetable drier - that uses the energy generated by burning cashew shells.



The Cashew shell stove and the dehydration unit

Mr. B.K Maheepala
No-112/A/4, Kamaragoda Road,
Ganihimulla, Develapola.
0112280086 / 0777604150

The fields for which award were not presents: Agriculture - Chemistry - Medicine - National Security - Indigenous Medicine - Physics - Transportation - Arts and Environment

MERIT AWARDS – 2008

Industries & Technology

Invention - A device for cutting asymmetric shapes in gems

Satira Gems (Private) Ltd

(Mr. Danister Senarath Munasinghe-Chairman)

367/8 G, Pipe Road, Koswatta, Thalangama North.

0112789643 / 0773068519

Medicine

Invention - Single dose inhaler for use in bronchial asthma

Dr. Anil Goonetilleke

Mr. K.H Janaka Mangala

No.475, Thimbirigasyaya Road, Colombo 05.

0112595742 / 0777562157

Engineering

Invention - Improved Electrical Coconut Scraper

Mr. Welisarage Jayaweera

No.1119 A , Pannipitiya Road, Thalawatugoda.

0112776128

Public Welfare

Invention - Mobile Cash Transfer Solution

Mr. Harold Wijetunge

121, Inner Flower Road, Colombo 03.

077-9925299

Presidential Awards
2009
Inventions



BEST INVENTIONS OF THE FIELD 2009

Industries & Technology



The High Performance Unitary Ply
Tea Transport Container

A cost effective and a well designed unitary ply transport package to contain especially large leafy grades of low grown teas, for export.



Mr. Noel A Thomas
9 De Soysa Estate,
Welisra, Ragama.
0112959133
0717701162

Physics



Radius meter

An instrument to measure
radians of an arc directly.



Dinesh Sandaruwan Katugampala
173, Kotalawala,
Kaduwela.
0773645660 / 0714445829

The fields for which award were not presents:

Agriculture - Chemistry - Medicine - National Security - Traditional Medicine - Transportation - Arts - Environment
- Public Welfare - Engineering

MERIT AWARDS – 2009

Public Welfare

Invention - 2 Byte Character Allocation Table for Sinhala and Tamil language

Mr. Semage Donald Edmund Gaminitillake
"Somagiri" No.25, Vivekananda Road, Colombo 06.
0112588893

Public Welfare

Invention - Natural Gravity Water Filter

Mr. H.M Nawarathne
"Jayabima" Galpanawe Road, Monnekulama.
0773651476

Environment

Invention - Anaerobic Filter Technology for the Treatment of Waste Water with Acidic Condition.

Mr. Athula Jayamane
176/3, St Joseph Street, Negambo .
0714778868

Public Welfare

Invention - Trusted Cheque Protocol.

Ms. Christine Seshika Arnjani Fernando
24/24, Sri Sagaboo Road, Kaudana, Dehiwala.
0777749037

Presidential Awards
2010
Inventions





Best Invention of the Year - 2010 Field of Medicine

**Dr. Shantha Jayathilaka Bandara Lenadora,
21/13 A, Riverdale Road,
Aniwatta, Kandy.
Tel: 0812200475 / 0777363203**



Pneumatic self retaining surgical retractor system

In this invention two sets of retractor blades (27) are fitted to two longitudinal retractor bars (20). These two bars are pushed apart using a pressurized air column supplied by 2 ordinary disposable syringes (2). The activation is done by another syringe connected to the air column or by compressed air (available in the theatre). The body tissues will offer the minimum required force through the air column of the device initially opposing the tissue action. The compressibility of the air

column results in a valuable cushioning effect on the body tissues of the patient.

During the surgical procedure, as the anesthetic effect fades away with time, the muscle tone of the tissues will increase gradually thereby exerting a gradually increasing force on the air column. The compression of the air due to the increased tissue action gives a movement to the retractor bars. This movement provides a valuable indication to the surgical team to enhance the anesthetic dose.

BEST INVENTIONS OF THE FIELD 2010

Agriculture



A Processed Tea Cutter

Device for converting processed large tea leaves to required particle sizes.



Jinasena (Pvt) Limited
8/6, Kirmandala Mawatha,
Nawala.
0112584955

Transport



Automatically Collapsible Motor Bicycle Stand

Automatically Collapsible Motor Bicycle Stand



Mr. R.A.D.Maduranga Karunajeewa
No.50, Tunkinda,
Thaligama
0713535329 / 0779990493

Industries & Technology



Technically improved rubber tapping knife

Improved rubber tapping knife ensure optimum shaving of the bark during rubber tapping without damaging the cambium.



Mr. Ruwanpura Karunasena
1/25, Gamini Mawatha,
Matugama.
0342248455

BEST INVENTIONS OF THE FIELD 2010

Medicine



Dr. Shantha Jayathilaka
Bandara Lenadora
21/13 A, Riverdale Road,
Aniwatta, Kandy.
0812200475/ 0777363203

During the surgical procedure, as the anesthetic effect fades away with time, the muscle tone of the tissues will increase gradually thereby exerting a gradually increasing force on the air column. The compression of the air due to the increased tissue action gives a movement to the retractor bars. This movement provides a valuable indication to the surgical team to enhance the anesthetic dose.



Pneumatic Self Retaining Surgical Retractor System

National Security



G.A Nirosh Krishantha
P.O Box 10,
Polgasowita
0777900660

Improved life saving Jacket.



Improved Life Saving Jacket

Environment



Asoka Nugawela
57/7 A Lewella
Road, Lewella,
Kandy.
0777002244

Dilhara Edirisinghe
28, Wawanawatta,
Mampe,
Piliyandala
0718328549

Manel Mahanama
200, Angulana
station Road,
Kaldemulla,
Moratuwa.
0772640519

This novel mat is mainly used as a weed control device. The other applications are sheeting for hospital beds, floor mats, part replacement for virgin rubber in dry rubber based product manufacture.



Power mats based on natural rubber.

The fields for which award were not presents:
Chemistry - Traditional Medicine - Arts - Public Welfare - Engineering - Physics

MERIT AWARDS – 2010

Field - Agriculture

Invention - Food Items Made with Water Lily Seeds

Mr. D.M.A.C.P. Dasanayake
Radha Lanka Natural Food Products
Radha Lanka Natural Food Products
Kurunagala Road, Balalle, Maho.
0372275454 / 0775973723

Field - Agriculture

Invention - Automatic Pepper Harvester

Mr. K.G Chamila Chinthana Kumarasinghe
1/4, Morahela , Thenna, Matale.
0663668226

Field - Transport

Invention - Remote Controlled Electronic Mechanical Jack

Mr. Y.A Lionel Ruparathana
No.160 A,Nuwara Eliya Road, Kappatipola.
0572280101

Field - Public Welfare

Invention - Device to Improve Air Circulation inside Mosquito net(s)

Mr. Kaluwadewa Nalaka Chandrawansa
484, Hill Crest Nagahawatte, Unawatuna.
0912250524

Field - Public Welfare

Invention - Compact Bio Gas Plant

Jayasekara Hettiarchchige Srimal Thissera
No.18, Janatha Mawatha, Nawinna ,
Maharagama.
0775976087 / 0115741075

Field - Environment

Invention - Technology of Eco Designed Spherical for Latex Handling

Mr. T. Sunil Somasiri Gomes
378/2 F, Umagiliya place, Nungamugoda,
Kelaniya
0714913737

Field - Industries & Technology

Invention - Polymeric Garment Material

ATG GLOVES (Pvt) Ltd
Spur Road 7, Phase 2, IPZ, Katunayake.
0114838900