

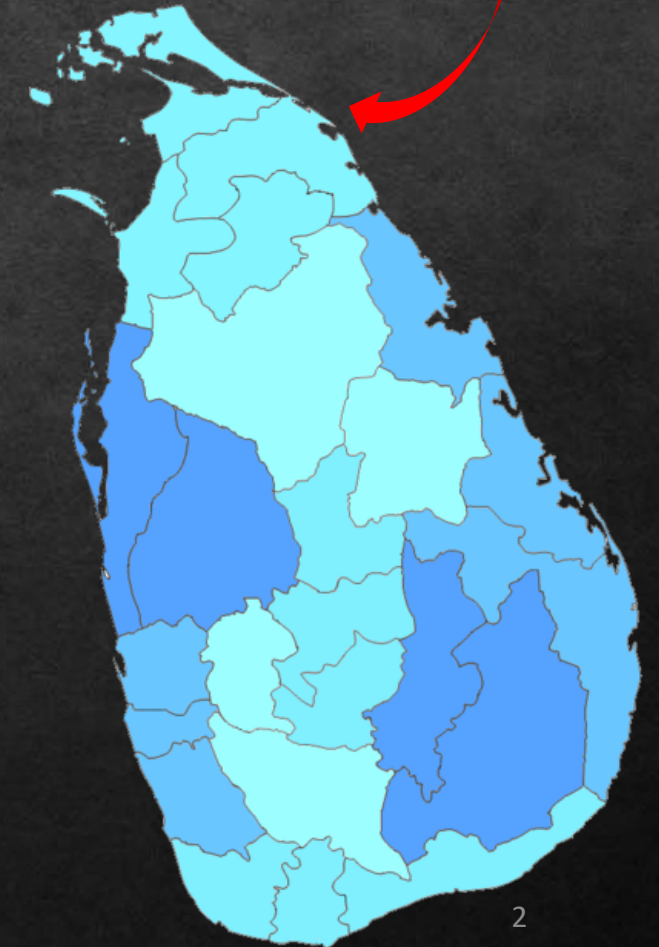
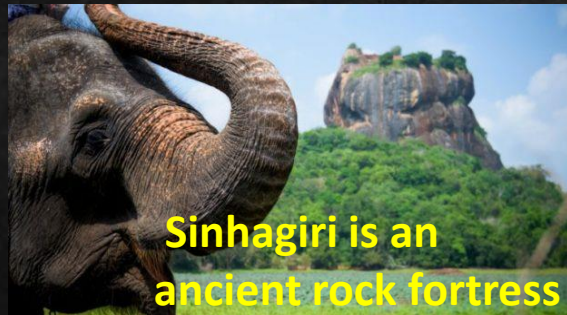
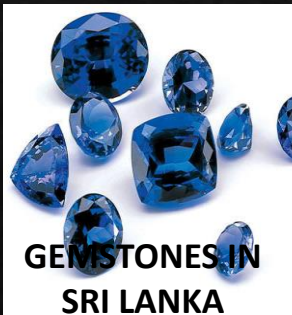
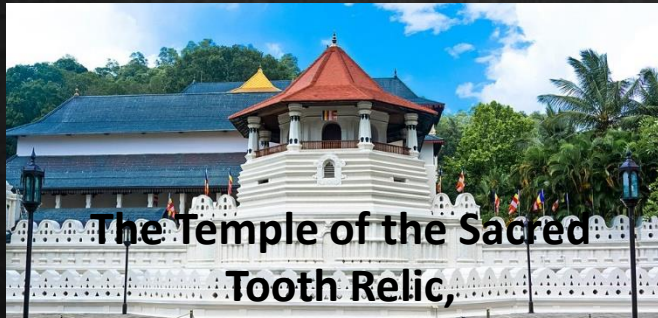
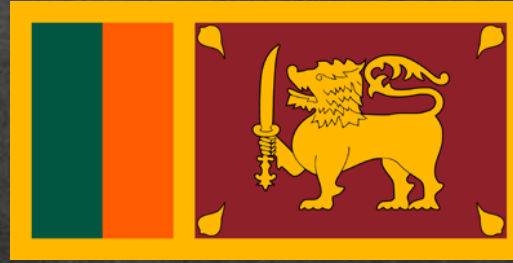
Overview of the partnership between Regulator and Law Enforcement In Security Response.



Sri Lanka Experience

SRI LANKA : COUNTRY OVERVIEW

- **Location** : Indian Ocean
- **Population** : 21,926,645 (in 2023 January)
- **Total Area** : 65,610 km²
- **Capital** : Sri Jayawardanapura Kotte



OVERVIEW OF SRI LANKAN CIVIL WAR

The Sri Lankan Civil War was fought on the island of Sri Lanka.

Beginning on 23 July 1983, there was an intermittent insurgency against the government by the Liberation Tigers of Tamil Eelam (LTTE), which fought to create an independent Tamil state called Tamil Eelam in the north and the east of the island.

After a 26 year military campaign, the Sri Lankan military defeated the Tamil Tigers in May 2009, bringing the civil war to an end.



WAR MEMORIAL

PUTHUKKUDIYIRUPPU – SRI LANKA₃



BRIEF INTRODUCTION
TO OUR PARTNERSHIP
WITH
ATOMIC ENERGY REGULATORY
COUNCIL

TIMELINE OF SECURITY MEASURES FOR PAST DECADE

2009

No Security
Basic Safety
&
Safeguards

2010

Basic Safety
upgrades of some
sites.
GTRI funded
Mega port portal
terminals

2011

Training by GTRI
on PPS
completion of
upgrades to some
sites.

2012

Search & secure
programs
detection
equipment by GTRI

TIMELINE OF SECURITY MEASURES FOR PAST DECADE

2013

Integrated security platform,
Tabletop exercises, active transport security

2014

Revised atomic energy act.
Database of source locations

2015

Orphan source searches & disposal to country of origin

2016

Security plan,
Target folders & Response Training

TIMELINE OF SECURITY MEASURES FOR PAST DECADE

2017

Alarm response
training facility,
CBRNE training

2018

National theft
protocol initiation
active training by
STF to Police

2019

Central Monitoring
Station
continuation of
training programs

2020

Continuous CMS
Operation

ROLE & RESPONSIBILITIES OF SRI LANKA POLICE ON SECURING RADIOACTIVE MATERIALS.



PARLIAMENT OF THE DEMOCRATIC
SOCIALIST REPUBLIC OF
SRI LANKA

SRI LANKA ATOMIC ENERGY
ACT, No. 40 OF 2014

[Certified on 04th November, 2014]

Printed on the Order of Government

Published as a Supplement to Part II of the Gazette of the Democratic
Socialist Republic of Sri Lanka of November 07, 2014.

PRINTED AT THE DEPARTMENT OF GOVERNMENT PRINTING, SRI LANKA.

TYPE PRINTED AT THE GOVERNMENT PRESS, 120/120B DE SOLE, COLOMBO 03

Price : Rs. 62.00

Postage : Rs. 70.00

Appointment of
police officers to
assist Authorized
Inspectors.

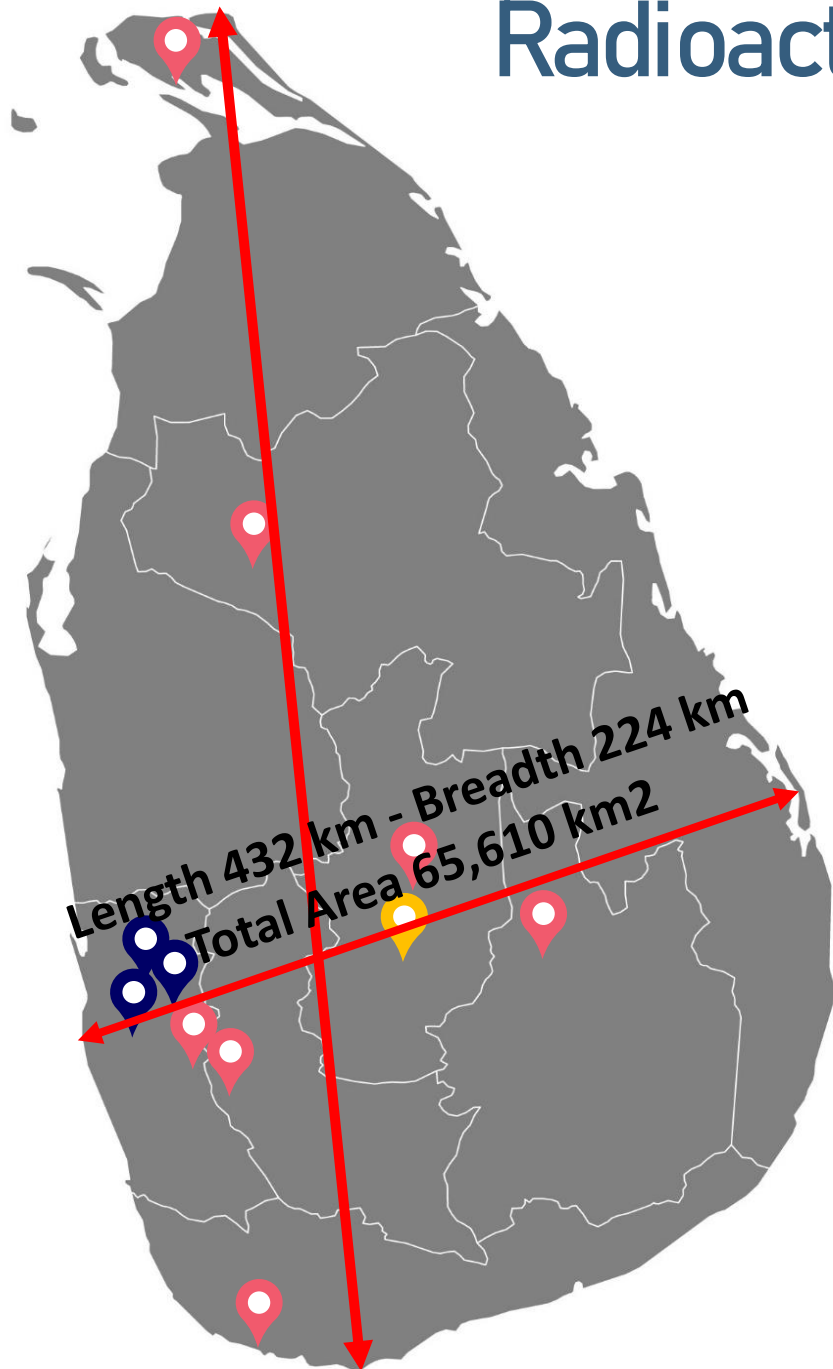
16. (1) (a) The Council may request the Inspector-General of Police to provide the services of any police officer above the rank of an Assistant Superintendent of Police, for the purpose of assisting an Authorized Inspector in the performance of his functions.

(b) It shall be the duty of the Inspector-General of Police to ensure the availability of such police officer, where a request is made by the Council.

(2) (a) A police officer whose services are provided by the Inspector-General of Police on a request made under subsection (1), shall, not with standing anything to the contrary in any law upon a complaint made by the Council, arrest without a warrant any person who is suspected to have committed an offence under this Act.

(b) The police officer shall produce such person before the Magistrate's Court, within whose jurisdiction such offence is alleged to have been committed.

Radioactive Material Located in Sri Lanka



- Tellippalai, Cancer Hospital - 95Gy/h
- Anuradhapura Teaching Hospital - 110Gy/m
- Kandy General Hospital
- Badulla General Hospital - 5000Ci
- Karapitiya Teaching Hospital - 5100Ci
- Maharagama Apeksha Hospital - 15600Ci
- Asiri Hospital Colombo - 2955Kgy
- Human Tissue Bank - 680.96Ci

Medical (08)

- Gannoruwa Agriculture Research Institute (HORDI) - 4.23 Kgy/h

Research (01)

- Biyagama BOI Zone (Gamma Lanka Pvt Ltd.) - 282Kci
- Biyagama BOI Zone (Ansell Lanka Pvt Ltd.) - 1.8m/Ci
- Orugodawatta AEB Waste Storage (Empty)

Industrial (03)

THE PARTNERSHIP



According to the “National Radiological Theft Response Code Sri Lanka” published by **Act of Sri Lanka Atomic Energy Regulatory Council (SLAERC)**, the SLAERC takes the national level of leadership for coordination & responding such radiological security incidents.



The Sri Lanka Police & STF are the other lead organizations to respond in case of theft or attempted theft of radioactive material by monitoring 24 X 7.

As the lead organization, the Council should immediately coordinate with the Sri Lanka Police & STF for immediate response to the incident involving the theft or attempted theft of radioactive material as per the actions in above Response Code.



ROLES & RESPONSIBILITIES OF STF

According to “National Radiological Theft Response Code”

CONFIDENTIAL

SLAERC/C-01

SLAERC CODE



Sri Lanka Atomic Energy Regulatory Council

June 2019



1. Once STF is notified, immediate actions should be taken to respond to the incident under the technical advice of the Council.
2. The STF involved in the situation should communicate with the Council and the Police and necessary advices should be obtained from the Council until the situation is totally controlled.
3. STF should take all actions to control the situation and should assist other response teams when required to recapture the stolen radioactive material and capture the suspected persons.



LAW ENFORCEMENT

TRAINING

CAPACITY DEVELOPMENT OF THE SRI LANKA POLICE & TRI FORCES ON SECURING RADIOACTIVE MATERIALS.

Police Special Task Force (STF), Training Academy
analyze, design, develop, implement training programs
and constantly evaluate to upgrade the knowledge
and skills of the officers of the

Sri Lanka Police,

Special Task Force on-site security officers and Sri Lanka Tri Forcers

who are currently engaged with
securing radioactive materials.

REFERENCES.

WINS INTERNATIONAL BEST PRACTICE GUIDE
GROUP 1: Nuclear Security Programme Organisation
1.4
Nuclear Security Culture
Revision 2.0

WINS INTERNATIONAL BEST PRACTICE GUIDE
GROUP 4: Implementing Security Measures
4.8
Electronic Tracking for the Transport of Nuclear and other Radioactive Materials
Revision 1.0

WINS INTERNATIONAL BEST PRACTICE GUIDE
GROUP 4: Implementing Security Measures
4.10
Nuclear Security Transport
Revision 1.0

WINS INTERNATIONAL BEST PRACTICE GUIDE
GROUP 5: Security of Radioactive Sources
5.1
Security of High Activity Radioactive Sources

WINS INTERNATIONAL BEST PRACTICE GUIDE
GROUP 5: Security of Radioactive Sources
5.4
Security of Radioactive Sources Used in Medical Applications
Revision 1.0

IAEA Nuclear Security Series No. 12
Technical Guidance
Educational Programme in Nuclear Security

IAEA Nuclear Security Series No. 11
Implementing Guide
Security of Radioactive Sources
IAEA
International Atomic Energy Agency

IAEA Nuclear Security Series No. 13
Recommendations
Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities (INFCIRC/225/Revision 5)
IAEA
International Atomic Energy Agency

ORS
Office of Radiological Security
Protect · Remove · Reduce
Site Security Plan Workshop

ORS
Office of Radiological Security
Protect · Remove · Reduce
Site Security Plan Write Shop
Global Material Security
NNSA
National Nuclear Security Administration

UNODC
United Nations Office on Drugs and Crime
5 | Transport-related (civil aviation and maritime) Terrorism Offences
COUNTER-TERRORISM
LEGAL TRAINING CURRICULUM

ORS
Office of Radiological Security
Protect · Remove · Reduce
National Radiological Theft Response Protocol
Participant's Guide
NNSA
National Nuclear Security Administration
Global Material Security

TRAINING PROGRAMS CONDUCTED ON CAPACITY DEVELOPMENT

01

Securing radioactive material:
Basic awareness course

02

Response team training course.

03

Training course for emergency call
center Police officers.

04

Training course for alarm monitoring.

TRAINING PROGRAMS CONDUCTED ON CAPACITY DEVELOPMENT (MAIN SUBJECT CONTENT)

- Introduction to Sri Lanka Atomic Energy Act
- Radiation Detector Tools
- Development of response plan for transportation
- Security in the transport of Radiological materials



TRAINING PROGRAMS CONDUCTED ON CAPACITY DEVELOPMENT (MAIN SUBJECT CONTENT – Cont.)

- Physical Protection system

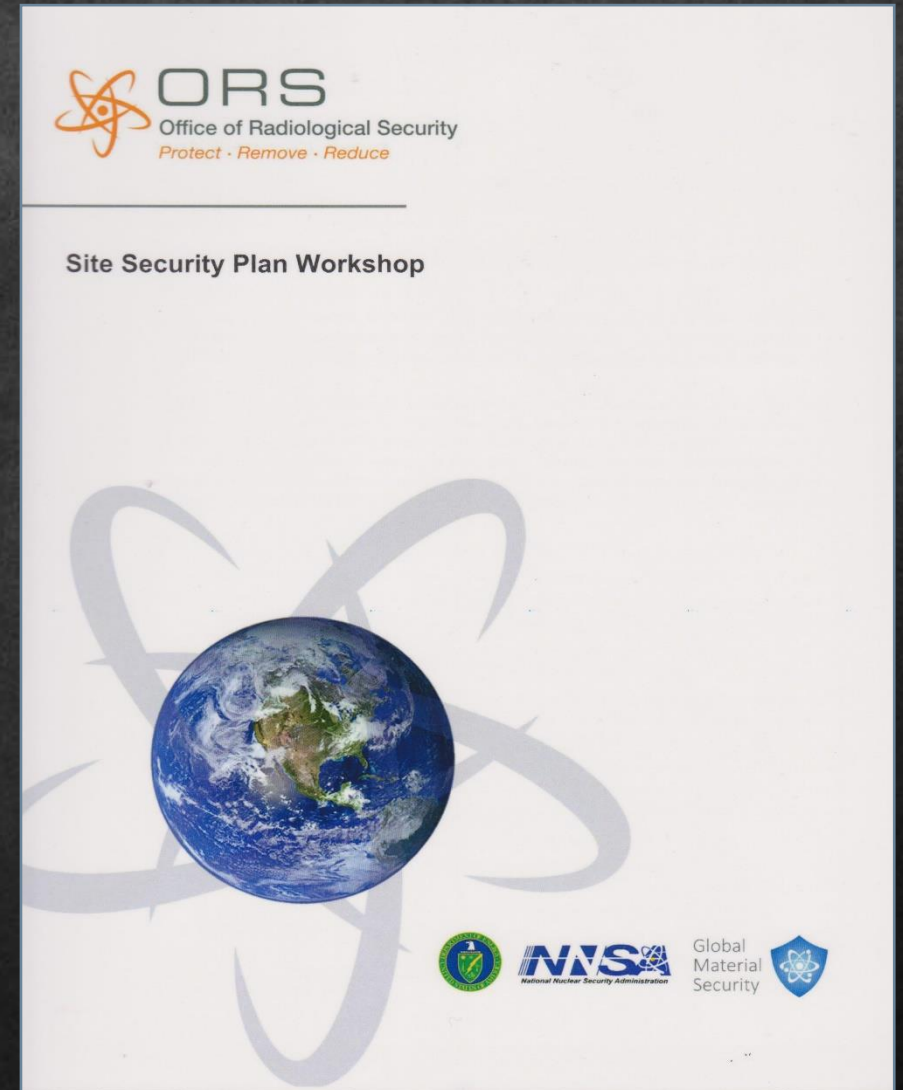


- Tabletop Exercises



SITE SECURITY PLAN DEVELOPMENT

- Model Security plan development
- Legislative regulatory framework
- Implementation of source security regulations
- Security management
- Security System
- Security procedures



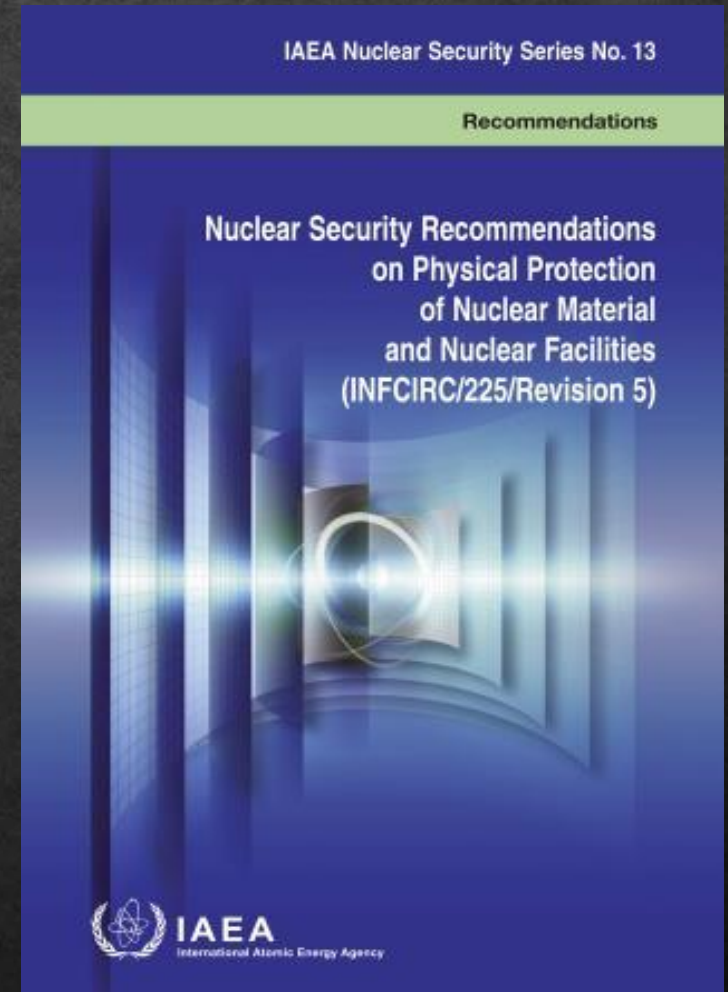
PHYSICAL PROTECTION & SECURITY MANAGEMENT

- ◆ Radioactive Sources and their beneficial uses
- ◆ Categorization of radioactive sources
- ◆ Consequences of the malicious use of Radioactive sources
- ◆ Recognizing International Best practices
- ◆ Understanding and assessing the threat



PHYSICAL PROTECTION & SECURITY MANAGEMENT – Cont.

- ◆ Risk identification, Analysis and management
- ◆ Physical protection principles
- ◆ Physical protection equipment
- ◆ Security Management
- ◆ Security Culture



“With the assistance of USDOE TOT and other programs were conducted.”

INTERNATIONAL RESPONSE TRAINING COURSE

- ◆ Radiation Hazards for security responders
- ◆ The threat
- ◆ Physical protection systems
- ◆ First responder actions and radiation safety
- ◆ Target folder development
- ◆ Response actions & tactics
- ◆ Tabletop exercises
- ◆ National response plan



*"This course done in October of 2019 By the USD OE at the Central Monitoring Station & armed response training facility
at the STF training directorate, Katukurunda, Sri Lanka"*

TRAINING FACILITIES FOR SECURITY OF RADIOACTIVE MATERIALS



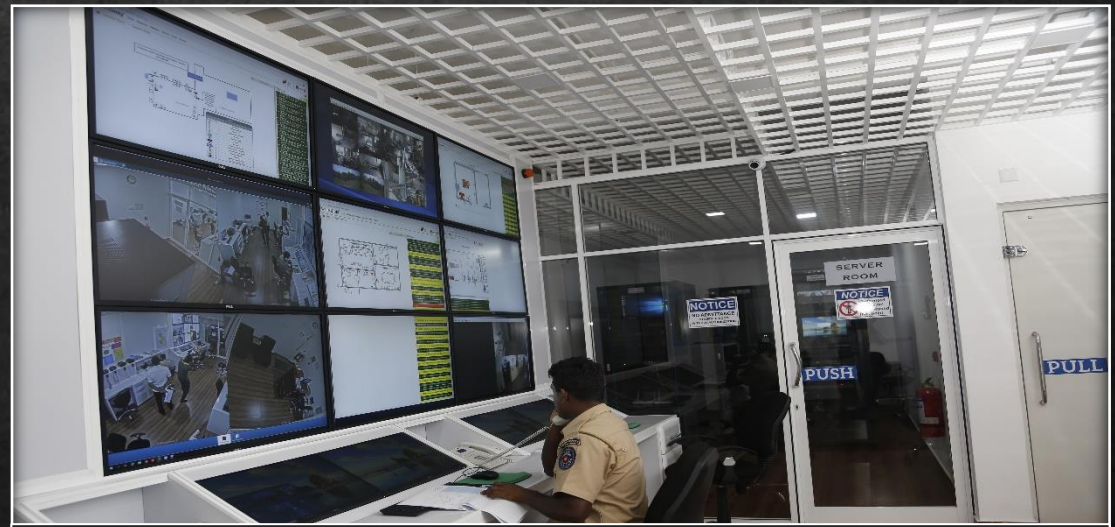
Class Room



ART Facility



Specialized Vehicle



National Monitoring Station

NATIONAL MONITORING CENTER



THE OPERATION



DETECT

- CCTV Real – time Visuals
- Alarm System

INFORM

- Site Owners
- Nearest Police Station
- Nearest STF Base



RESPONSE

- On site Security units
- Sri Lanka Police
- Special Response Team



PROCESS OF ACHIEVEMENTS

01. Complete CMS Building

02. Secondary Monitoring Stations

03. Connection of facilities



PROCESS OF ACHIEVEMENTS – Cont.

04. International Response Training



05. Mock Practical Training



National radiological Protocol





Do you have questions?

FEEL FREE TO ASK



**The Future Depends on
What We do
in the present**

- Mahatma Gandhi -





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