



## PROJECT MANAGEMENT

### Project Purpose

DTET gains management and technical capacity to establish CoTs in each province by introducing model courses of NVQ level 5 & 6 in SLCoT to train technicians.

### Sri Lankan Side

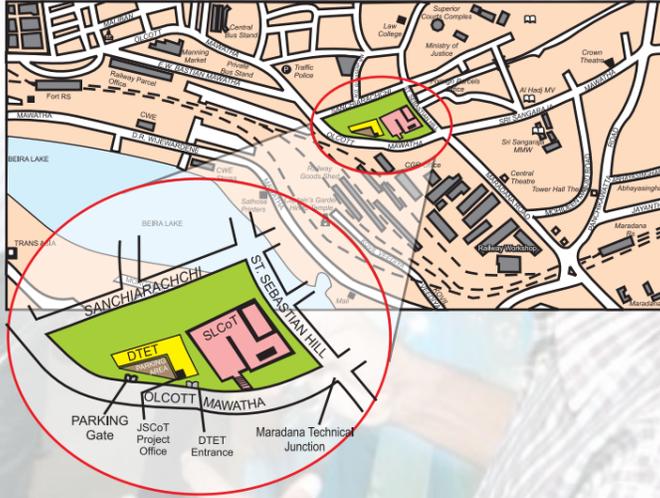
Ministry of Vocational & Technical Training (MVTT)  
Department of Technical Education & Training (DTET) and  
Sri Lanka College of Technology (SLCoT)

### Japanese Side

Japan International Cooperation Agency (JICA)  
Ministry of Health, Labour and Welfare (MHLW), and  
Employment and Human Resources Department  
Organization of Japan (EHDO)

### Uniqueness of JSCoT Project

- Advice and Training by Japanese long-term and short term experts
- Training of Sri Lankan Counterparts in Japan
- Modern infrastructure with latest technology
- Cater to the growing needs of industry towards win-win industrial relations
- Quality, Productivity and Safety focus
- Curriculum revision in time with industry needs



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Project for  
Establishment of

## Japan Sri Lanka College of Technology to Strengthen Technical Education and Training in Sri Lanka (JSCoT Project)



## BACKGROUND

In 2004 Government of Sri Lanka signed a Record of Discussion (R/D) with Japanese Government to set up Project for Establishment of Japan Sri Lanka College of Technology to Strengthen Technical Education and Training in Sri Lanka (JSCoT Project).

Under the project Japan International Cooperation Agency (JICA) provides technical assistance to Sri Lanka College of Technology (SLCoT) to establish and manage three model courses as Information & Communication Technology (ICT), Mechatronics and Metal Work (Welding Technology).



## MODEL COURSES

JSCoT model courses produce middle level technicians with appropriate blend of skills, science and technology within the framework of National Vocational Qualification of Sri Lanka (NVQ-SL)

**Engineer  
Level**

NVQ 7 (Degree)  
University of Vocational Technology  
(UNIVOTEC)

**Technician  
Level**

NVQ 5-6 (Diploma)  
Colleges of Technology (CoT)

**Craftsman  
Level**

NVQ 1-4 (Certificate)  
Technical Colleges

### Highlights of

#### National Vocational Qualification of Sri Lanka Level 5-6

- ✂ First Time in Sri Lanka with Japanese collaboration
- ✂ Entry requirement is completion of NVQ level 4
- ✂ 2 Years fulltime course
- ✂ 20 students per batch
- ✂ 6 Months In-plant training

## MAJOR COURSE CONTENTS

### Information and Communication Technology (ICT)

- ☺ System Analysis and Design
- ☺ Database Systems
- ☺ Programming Techniques
- ☺ Networking
- ☺ Project Management
- ☺ Graphic Designing
- ☺ Multimedia Applications
- ☺ Web Information Systems Development
- ☺ Software Testing & Project Management
- ☺ Communication Skills

### Mechatronics

- ☺ Electrical technology
- ☺ Electronics technology
- ☺ Mechanical technology
- ☺ Pneumatic technology
- ☺ Hydraulics technology
- ☺ Programmable Logic Controller Technology
- ☺ Robotic technology

### Metalwork (Welding Technology)

- ☺ Basic skills of gas welding and arc welding
- ☺ Carbon dioxide (CO<sub>2</sub>) gas semi-automatic arc welding
- ☺ TIG welding, MIG welding & Gas cutting
- ☺ Plasma cutting
- ☺ Metallurgy
- ☺ Metal fabrication
- ☺ Engineering & Interpret Drawing
- ☺ Identify & Prevent Welding Defects
- ☺ Workshop Technology