

MAIN SUBJECT AREAS

- Electronics for automation
- Number system, operators
- Programming for industrial automation
- Mechanical aspects of Automation

Practical

- Simple arduino examples
- Making line following robot
- Making robotic arm

LEARNING OUTCOMES

At the end of completing the course, students:

- Can understand the fundamentals of automation systems and able to design and develop simple automation systems.
- Can rectify malfunctions of automated systems

ASSESSMENT

- | | | | |
|------------------------|--------------------------|----------------------|-------------------------------------|
| Written examination | <input type="checkbox"/> | Practical exam/work | <input checked="" type="checkbox"/> |
| Assignment/course work | <input type="checkbox"/> | Classroom activities | <input checked="" type="checkbox"/> |
| Project and Viva | <input type="checkbox"/> | Attendance 80% | <input checked="" type="checkbox"/> |

ENROLLMENT

- Applicants can enroll in the course through e-mail, telephone calls and application form by post

SELECTION PROCEDURE

- Applicants will be interviewed
selected will be informed for the intake

ELIGIBILITY

- Basic Education
- O/L (NVQL3-SLQL1) Eng. Sc. Maths.
- A/L (NVQL4-SLQL2) With 2 subjects
- Experience In respective discipline

INVESTMENT

- Individual** - Refer the Training Calendar in the web site
- Group** - Fee is negotiable
Tailor - made training programmes can be negotiated to match the client's requirement

OTHER DETAILS

- Duration:** 8 days (1 day per week)
- Participants:** Max. 10
- Medium:** Sinhala/English/Tamil
- Venue:** SLITA
- Payment:**
Online/Cash/Cheques/Credit cards
Bank loan facilities
Course fee in 2 installments

AWARDS - CERTIFICATES

- Industry recognized & Government certified
- A. Attendance Certificate
- B. Certificate
- C. Diploma

Lead time reduction for next revolution

SHORT COURSES

GARMENT INDUSTRY AUTOMATION WITH ARDUINO CONTROL SYSTEM (PART TIME) For technical executives and technicians

Improve **PRODUCTIVITY**
with **Automation**



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SLITA



Sri Lanka Institute of Textile & Apparel
Ministry of Industry and Commerce