

Industry 4.0 and Smart Factory Training Scheme for SMEs in Selangor

Overview

This 10 day training and consultancy package offers participants the flexibility to choose from a series of industry 4.0 modules that are relevant to their business improvement.

- ▶ This training provides basic technical knowledge in Industry 4.0 implementation.
- ▶ It also aims to guide participants to kick start their Industry 4.0 activities.
- ▶ It provides a systematic tool and guideline designed to help companies begin their Industry 4.0 journey.

Target audience:

Industry 4.0 Implementers/ Leaders, Engineering, Production and IT Managers, Decision makers

Upon successful completion of training, participants will be able to:

- ▶ Have selected competencies in industry 4.0 and smart factory processes and complete the readiness assessment.
- ▶ Have the right skill to implement industry 4.0 and smart factory technology to improve current processes.
- ▶ Enable participants to fully integrate OT and IT environment. Close the gap between mechatronics and software development.

Criteria:

- ▶ For SMEs in Selangor only
- ▶ For the manufacturing sector, SMEs are defined as firms with sales turnover not exceeding RM50 million OR number of full-time employees not exceeding 200.
- ▶ For the services and other sectors, SMEs are defined as firms with sales turnover not exceeding RM20 million OR number of full-time employees not exceeding 75.
- ▶ Ownership : flexible as long it cover the SME criteria

Total Duration:

10 Days

Cost:

RM7,000 per participant (HRDF SBL Claimable).

SME in Selangor: RM 3,500 per pax only (50% subsidized by Selangor State Government)

*HRDF claimable under SBL scheme

Venue:

SHRDC Training Centre Shah Alam

Methodology

Classroom, remote learning and hands-on practice .

5 OPTIONS AND FURTHER CUSTOMISATION AVAILABLE

OPTION 1	OPTION 2	OPTION 3
<p>(2 days) Industry 4.0 technical fundamental and readiness assessment</p> <p style="text-align: center;">+</p> <p>(3 days) Operation Technology – Sensor communication</p> <p style="text-align: center;">+</p> <p>(3days) Information Technology – Database</p> <p style="text-align: center;">+</p> <p>(2 days) Master Project</p>	<p>2 days) Industry 4.0 technical fundamental and readiness assessment</p> <p style="text-align: center;">+</p> <p>(3 days) Operation Technology – Sensor communication</p> <p style="text-align: center;">+</p> <p>(3days) Information Technology – Database</p> <p style="text-align: center;">+</p> <p>(2 days) RFID technology toward Industry 4.0 Implementation</p>	<p>(2 days) Industry 4.0 technical fundamental and readiness assessment</p> <p style="text-align: center;">+</p> <p>(4 days) Modern Python Programming with Python 3</p> <p style="text-align: center;">+</p> <p>(4 days) Deep Learning with Keras and TensorFlow</p>
OPTION 4	OPTION 5	
<p>(2 days) Industry 4.0 technical fundamental and readiness assessment</p> <p style="text-align: center;">+</p> <p>(4 days) Modern Python Programming with Python 3</p> <p style="text-align: center;">+</p> <p>(4 days) Machine learning with Scikit-learn</p>	<p>(2 days) Industry 4.0 technical fundamental and readiness assessment</p> <p style="text-align: center;">+</p> <p>(4 days) Deep Learning with Keras and TensorFlow</p> <p style="text-align: center;">+</p> <p>(4 days) Machine learning with Scikit-learn</p>	

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