

Company Profile

Fictron Group distributes over 500,000 electronics and maintenance products from around 2,500 leading suppliers. Inventory range extends from semiconductors, power modules, fuses, power supplies, HMI, LCD, CNC, PLC, Inverters to Drives and Motors. Our product and service portfolio supports the entire product lifecycle from obsolete to maintenance and repair. Giving a total solution for products ranging from electronic components to industrial products.

Fictron Industrial Supplies Sdn Bhd is your dependable source in industrial supplies, system integration and repair services. We deal with overseas suppliers from various countries in sourcing for new and refurbished. Besides supplying, we integrate systems and repair most industrial electronic devices including printed circuit boards, PLCs, power supplies, temperature controls, counters, timers, inverters and other AC & DC drives. Our affiliates have repaired over thousands of items from ABB to Zycron. Our technical resources, experiences, product knowledge, reverse-engineering capability enable us to provide prompt, comprehensive services for all types of industrial electronic equipment. Count on us to keep your process up and running with reliable spare repairs, timely repair services and accurate, accessible information.

VISION

• To be the leaders offering Industrial Solutions on an international level, counting on being recognized by our excellent quality of service, attention and commitment to our customers, based on constant growth and enhancements, allowing us to be the only choice for the Industrial Customer.

MISSION

• It is our priority to attend to all of our customer requests, no matter how difficult they may be, providing knowledgeable and rapid responses while offering a better quality of service and the attention that our customers deserve, creating a bond of trust, stability and preference.

Fictron Industrial Supplies Sdn Bhd (739016-T)

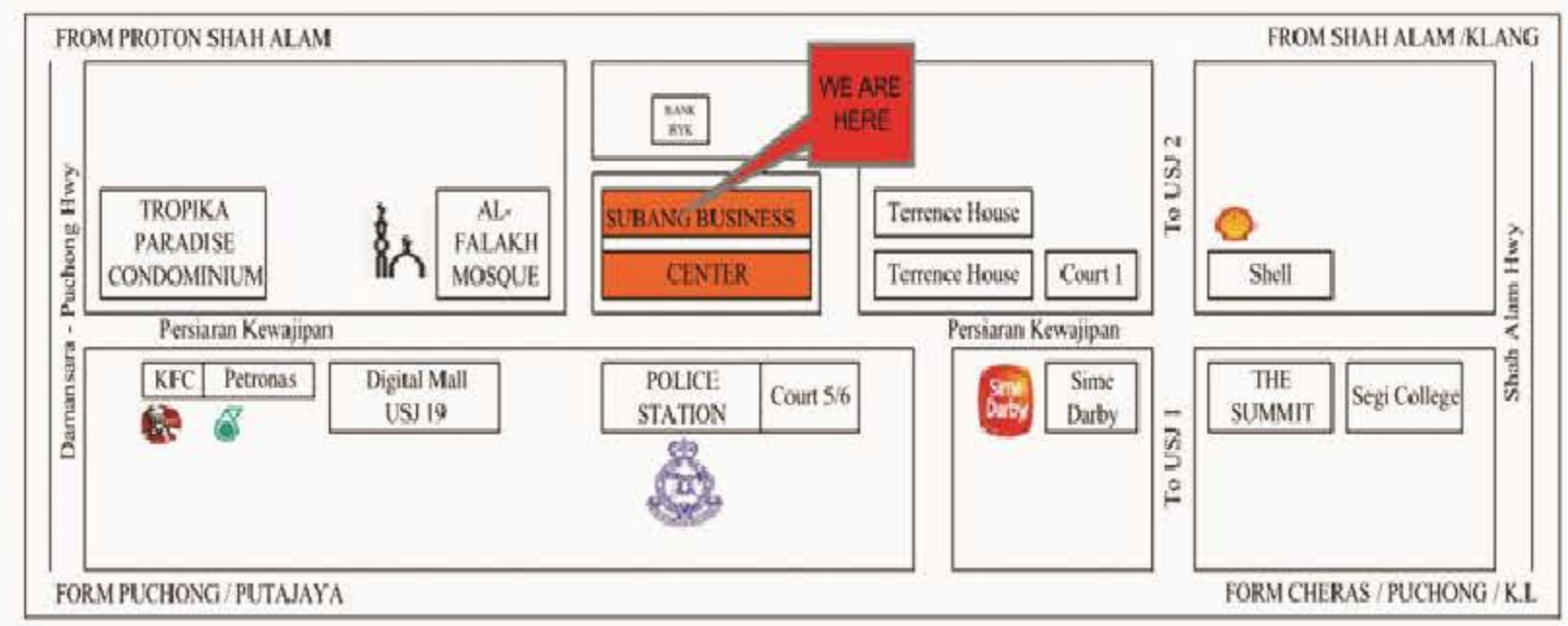
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47620 UEP Subang Jaya, Selangor

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FICTRON INDUSTRIAL SUPPLIES SDN BHD

HRDF Certificate Number: 4653

3 Days Training Program

INDUSTRIAL ELECTRONICS REPAIRS "Repair Like a Professional"

WHO SHOULD ATTEND

- Engineers and technicians that wish to broaden their electronics knowledge, testing and repair skills
- Sales, Procurement, Management and non-technical staffs involved in electronics engineering or electronics supply and trading
- Anyone wishing to learn the fundamentals of electronic testing and repairs

CONTACT US NOW !!!





KEY MODULES (CLAIMMABLE UNDER HRDF 'SBL-KHAS')

LEVEL 1	LEVEL 2
Duration: 3 days	Duration: 3 days
Training Location: Fictron Industrial Supplies Sales Office No 5-6, Jalan USJ 9/5Q, Subang Business Centre, 47620 UEP Subang Jaya	Training Location: Fictron Industrial Supplies Sales Office No 5-6, Jalan USJ 9/5Q, Subang Business Centre, 47620 UEP Subang Jaya
<ul style="list-style-type: none"> • Introduction to Electronics: Voltage, Current, Ground, Resistance, Open / Short Circuit • Electronic Testing Equipments: Multimeter, Oscilloscope <ul style="list-style-type: none"> ➢ Voltmeter, Ammeter & Ohmmeter mode • Electronic Components <ul style="list-style-type: none"> ➢ Introduction, Identifying and testing for faulty components. ➢ Different type of Diodes and test methods ➢ Capacitors: Testing, Safety & Discharging methods ➢ Fuse, Coils, Transistor, Integrated Circuit • Types of electronic circuit board • Basic, Rules, Safety & Techniques of Soldering & Desoldering of PCB Boards • Cleaning & Maintaining PCB Boards 	<ul style="list-style-type: none"> • Introduction to Schematics, Case Study & Functionality <ul style="list-style-type: none"> ➢ Regulated Power Supply ➢ Operational Amplifier ➢ Frequency Receiver: FM Receiver ➢ Inverter: DC→AC Converter • Introduction to MOSFET, Varistors, Loadcell, Logic IC (7400 Series) <ul style="list-style-type: none"> ➢ Operation, Testing, Troubleshooting and Repair • Introduction to Industrial Equipments & Power Components <ul style="list-style-type: none"> ➢ Power Supply Inverters ➢ Power Modules : IGBT, IPM, Thyristor(GTO,SCR) ➢ Testing, Troubleshooting & Repair • Introduction to Programmable Control Logic (PLC) <ul style="list-style-type: none"> ➢ Structure, Industrial Application & Standards ➢ Processor & I/O Modules ➢ Testing, Troubleshooting & Repair of components • Introduction, Troubleshooting & Repair of Temperature Meters & Weight Meters • Techniques and Safety of SMD Soldering & Desoldering • Printed Circuit Board (PCB) Repair Techniques

INTRODUCTION

This course aims to introduce participants to repairs of industrial electronic circuits and components. With Fictron's 10 years experience in services and repairs of industrial electronics, participants will get hands-on testing and repair methods and techniques, and in the same time, exposed to the theories and knowledge of industrial electronics. Our courses are designed to cater from the novice all the way to the most experienced. NOW, EVERYONE CAN REPAIR LIKE A PROFESSIONAL!

METHODOLOGY

Theoretical sessions shall be followed by practical sessions, with occasional quizzes after each session. At the end of the course, participants will complete a project test kit / practical exercise in guidance of our trainers. Upon successful completion of the course, participants shall be given a Certificate of Attendance.

KHAIRUL FIRDAUS MUSTAFA has 8 years of extensive experience in manufacturing, especially involving industrial machineries, automated system and process flow development. Mr. Khairul holds a BSc Electrical Engineering from the University of Southern California (USC), U.S.A., specializing in Integrated Circuits and Radio Frequency. He is well verse in UNIX, Assembly Language, PSpice Circuit Design and Cadence IC Designer. He started his career as a Firmware Engineer in GSM/GPRS programming before changing his career as a Product Engineer for flash memory manufacturing at Spansion KL Sdn Bhd. Along his career, he was involved in various manufacturing environment, including Palm Oil packaging, Biomass and Bamboo flooring, dealing with various production systems, machinery capability and specifications. He was entrusted to develop Standard Operating Procedures (SOP), OHSAS Safety procedures, engineering production flow, turnkey project proposals, layout plan, industrial machine specifications and many more throughout his career.

AMIN IZADY SADR is an electronics prodigy from Iran with extensive hands-on design and research experience in the Electronics field. Mr. Amin started building his first electronics circuit when he was 7 years old. He is extremely well verse with years of experience in PCB Design with Altium, Electrical Wiring, Programming with PIC Basic Pro & Bascom, Service and Repair of Home Appliances, Car Audios, Power Supplies, portable amplifiers, manual satellite dishes tuning and many more skills acquired through strong desire to learn, love for knowledge, courage and strict discipline in experimenting and R&D. He is certified in PLC Automation S7 3000, AVR Microcontroller and Digital Circuit.

NELSON JOSEPH has more than 10 years of industrial electronics troubleshooting and repairs, starting his career as an Electrical & Electronics Technician and gradually handles various job technical job tasks in Maintenance, E&E before joining Fictron as Service Engineer. A graduate of Port Dickson Polytechnic with Honours, Mr. Nelson is very well verse and high skilled in troubleshooting, repairing, commissioning and modification of Electrical & Electronics and Mechanical industrial equipments. He is proficient in Allen Bradley PLC system, Omron and ISO PC Boards.

TRAINING

