



VISIACADEMY

INDUSTRIAL SKILLS TRAINING & CONSULTANCY



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Our Background

VISI Academy Sdn. Bhd. is a Malaysian learning and development organisation that specializes in upskilling and reskilling the workforce to meet the demands of IR4.0.

About Us

VISI Academy Sdn Bhd is dedicated to developing a sustainable workforce for Malaysia's transition into Industry 4.0. Our training portfolio centers on the seamless integration of hardware and software through graphical programming, alongside high-demand skills like IoT, AI, data analytics, and dashboarding, ensuring our participants have the practical expertise needed for the future of industrial technology

We equip your workforce with the skills and knowledge essential for success and innovation..



With the fast-paced technology development, Visi Academy also committed to delivering high-impact, holistic talent development programs that prepare the workforce with industry-recognized skills and competencies.

visiacademy@visi.com.my

MISSION

To fortify sustainable workforce ecosystem through high impact talent development program.

VISION

To become high reputable academy in the nation with holistic talent development programs that shape a sustainable workforce ecosystem by 2027.

OBJECTIVE

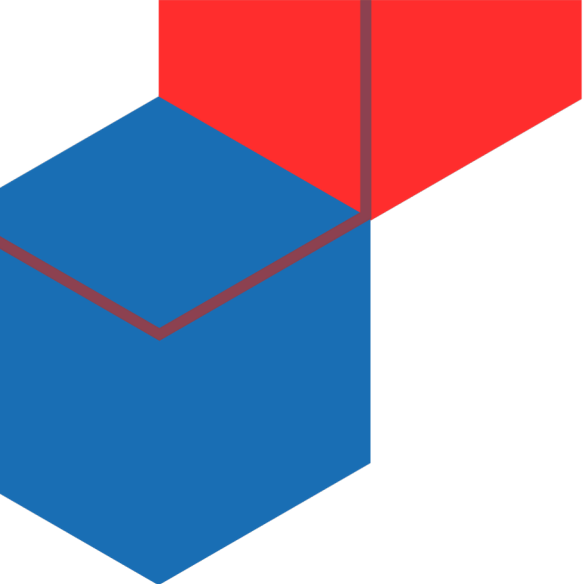
To prepare the workforce with industrial recognized competencies and skills through the high impact talent development program.

CERTIFICATE OF ACHIEVEMENT



SME240430004





PROJECT EXECUTED

VISI ACADEMY SDN BHD

2025

- Basic Graphical Programming
- Real-Time Deployment

2024

- NI's LabVIEW Core 1 & Core 2
- Harnessing Sociometrics: Measurements and Applications
- Overall Equipment Effectiveness (OEE) in Smart Manufacturing
- Cultivating High Performance Culture: Change Management Taskforce
- Cultivating Connections Through Communications: Effective Communication
- Basic Graphical Programming
- 4IR: IoT Master Trainer (collaboration with Favoriot)
- Digital Transformation (Data Dashboarding with Looker Studio)
- Manufacturing Execution System Software Familiarization

2023

- NI's LabVIEW Core 1 & Core 2
- Open session NI's LabVIEW Training
- NI's LabVIEW: Beginner Workshop
- Ball & Hoop Equipment Application Development & Supply
- Automated Test Equipment Development Training
- Harnessing Psychometrics & Sociometrics for Communication: Measurement & Application
- Supply and installation of NI's LabVIEW & Multisim
- Emotional Intelligence: Measurement and Use

2022

- OCEAN and Sociometrics for Communications: Measurement and Applications
- CLAD Preparation Training
- Mobile App Development Training
- NI's LabVIEW Core 1 & Core 2
- Online IoT Hackathon
- LabVIEW's Data Dashboarding Training
- AR & Gamification Training
- Google Sheet & Data Studio Training
- LabVIEW Data Acquisition Development Coaching
- Road to Agropreneur Program
- Effective and Profitable Farming Program
- CanBUS Training

(For projects conducted later than 3 years, please contact us at visiacademy@visi.com.my)



TRAININGS

A short-term technical engagement to fulfill specific upskilling requirements.



SMART MANUFACTURING

- Effective Warehouse Management
- Operational Performance Improvement
- Awareness on Operational Excellence and OEE Overall Equipment
- Effectiveness (OEE) in Smart Manufacturing Lean Manufacturing
- Digital Lean Operational Excellence - Foundation in Lean Operational Excellence
- Professional Certification of Lean Operational Excellence - Critical Thinking and Problem Solving using Digital Lean Approach
- Digital Lean Operational Excellence - Strategic Digital Leadership

INFORMATION TECHNOLOGY

- Data Transformation from Microsoft Excel to PowerBI
- Full-Stack Web App Development using Laravel
- Full-Stack Mobile App Development using Flutter
- Collecting ESG-Relevant Data for ESG Report
- Extracting Max Value from ESG Data
- Data Management Automation
- Real Time Operating System with ESP32
- Digital Logic and Microprocessor Design with VHDL
- Practical Post Quantum Cryptography
- Practical Embedded Security

INDUSTRIAL PROGRAMMING

- LabVIEW Core 1
- LabVIEW Core 2
- Basic Graphical Programming
- Introduction to LabVIEW Fundamentals
- Arduino Programming using LabVIEW
- Data Acquisition, Control and Monitoring
- Develop Test Program using NI TestStand
- IoT for Business Professionals
- Robotics Internet of Things
- IoT Fundamentals with Favoriot Platform
- Advanced IoT with Favoriot Platform
- Python for Internet-of-Things
- Raspberry Pi Edge Computing

OPERATION MANAGEMENT

- E-invoicing
- Keeping Project on Track by using Smartsheet
- Emotional Intelligence: Measurement and Use
- Sales Techniques and Efficient Strategies Marketing
- Harnessing Psychometrics and Sociometrics for Communications: Measurement and Applications
- Cultivating Connections Through Communication: Effective Communication

(Please reach out to us to verify the eligibility status of the program ID for HRD Claimable)

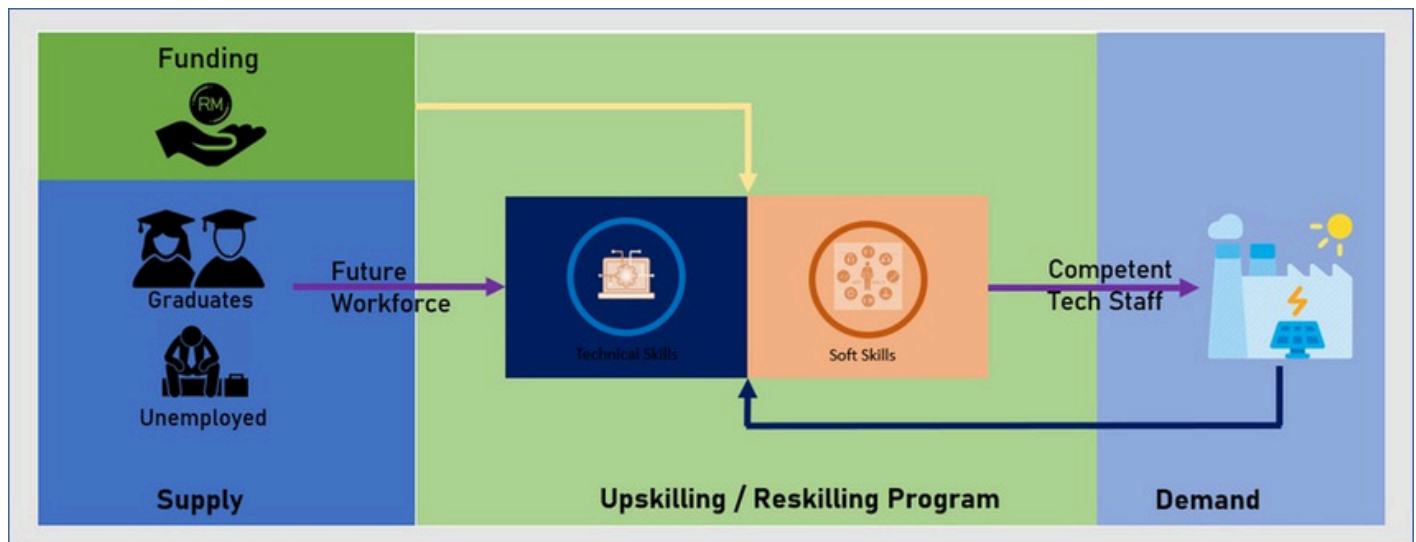
PROGRAMS

A longer-term engagement (3 weeks –to- 2 months) to either broader coverage or to drill & zoom into specific skills-sets.



Typically, programs entail extended collaborations and commitments, often involving a larger number of participants. By using Competency-Based Program (CBP) framework, some of recent and past programs that has been conducted:

- Graduate Employability Training Scheme
- Work-Based Learning (WBL)
- Protégé



INDUSTRY - ACADEMY COLLABORATION

A program to upskill / reskill workforce with the Employability Skills and Qualities Demanded by Industries with the objective to fortify sustainable workforce ecosystem.

At VISI Academy, we understand Academics and Industry. We have experienced running a few batches of Graduate Employability Programs under MARA Fund, and work-based learning for Higher Learning Institutions.



1 	2 	3 	4 
Test Automation	Cloud Data Analytics	Instrument Programming	Smart Manufacturing
Modules  <ul style="list-style-type: none"> • Navigating TestStand Environment • Developing Test Programs using NI TestStand • TestStand Execution and Diagnostics • Certified TestStand Developer Preparation Class • Certified TestStand Developer Examination 	Modules  <ul style="list-style-type: none"> • BI Dashboard Fundamental & Visualization • Power Query & M Language • Advanced dashboard (Deployment, Improvements, Insights & Integration) • DAX Expressions 	Modules  <ul style="list-style-type: none"> • Introduction to LabVIEW • Data Acquisition • Industrial IoT • Real-time Monitoring and Control • Certified LabVIEW Developer Preparation Workshop • Certification Exam: Certified LabVIEW Developer Exam 	Modules  <ul style="list-style-type: none"> • Overview and significant performance characteristics of the SIMATIC S7 system family • The components of the TIA Portal: STEP 7, WinCC, Start drive • Program execution in automation systems • Binary and digital operations in the function block and ladder diagram (FBD/LAD)

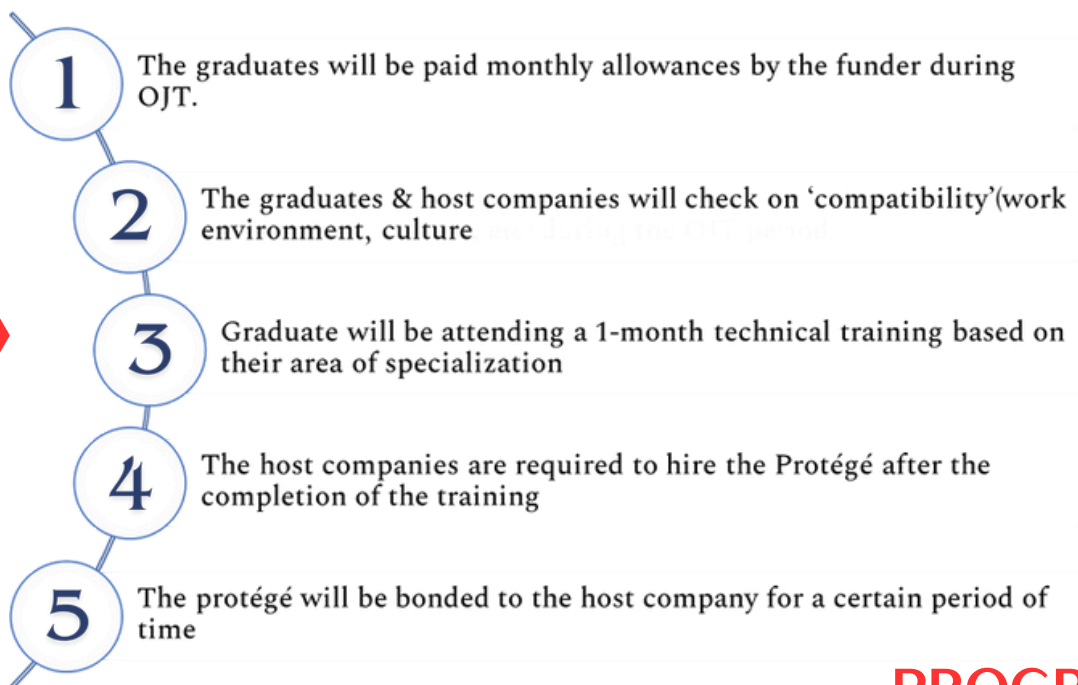
COURSE OFFERED

THE PROTEGE PROGRAM

A 1-month industrial upskilling program for unemployed graduates in Technology and Engineering to produce skilled and quality future workforce by equipping them with demanded skills and knowledge by industry.



KEY POINTS



PROGRAMS

CONSULTANCY

A customized service, designed based on user specific needs and requirements. The mode of the engagement (duration, fees, frequency etc) varies from clients-to-clients.



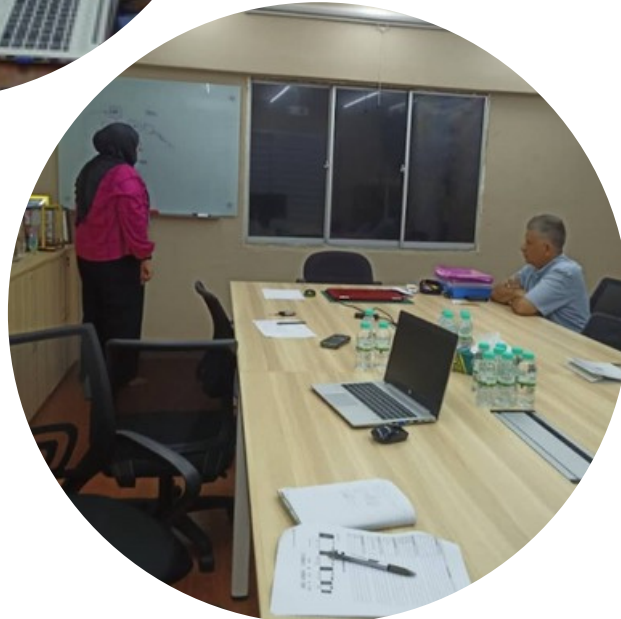
Some of our past services are:

- Coaching
 - LabVIEW-based system development
 - Machine vision proof-of-concept
- Courseware Development
- Industrial Training Kit
- Overall Equipment Effectiveness (OEE) Consultations

PRITECH 4.0



This program is designed to enhance the capabilities of Small and Medium Enterprises (SMEs) in utilizing the latest digital technologies and improving efficiency by adopting Industry 4.0 technologies.



The benefits of this program include:

- Development and Implementation of Engineering Systems
- Digital System for Overall Equipment Effectiveness (VSys OEE)
- Consultation on Manufacturing Industry Effectiveness
- Training on Manufacturing Industry Effectiveness



TRACK RECORDS



LABVIEW CORE 1

This training is an introductory to LabVIEW training where the trainee will learn to develop data acquisition, instrument control, data-logging, and measurement analysis applications.

At the end of the course, participants able to create applications using the state machine design pattern to acquire, analyze, process, visualize, and store real-world data.



Total No. of Participants: 161

Duration: 5-days (online), 3-days (face-to-face)

No. of batch/session conducted:

- 2022: 8 sessions
- 2023: 10 sessions



LABVIEW CORE 2



This training teaches you how to use common design patterns to successfully implement and distribute LabVIEW applications for research, engineering, and testing environments.



At the end of the course, you will be able to directly link LabVIEW functionality to the participant's application needs and provide a jump-start for application development.

Total No. of Participants: 72

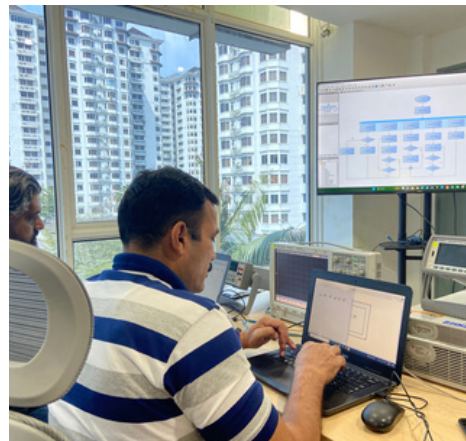
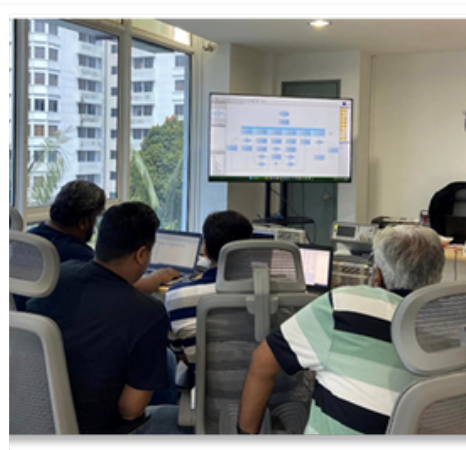
Duration: 2-days

No. of batch/session conducted:

- 2022: 4 sessions
- 2023: 7 sessions



DEVELOPING AUTOMATED TEST EQUIPMENT (ATE) SYSTEM



This training is a customized program attended by an international client from Pakistan where the purpose of the training is to learn how the LabVIEW program is used to develop Automated Test Equipment using Keysight equipment.

At the end of course, participants also learnt how to acquire, analyze, control, and log data (locally and in a database). Additionally, participants will gain the skills to develop and troubleshoot test sequences for multiple instruments, as well as generate test reports using TestStand.

Total No. of Participants: 5 pax

Duration: 15-days

No. of batch/session conducted: 1

HARNESSING PSYCHOMETRICS AND SOCIOMETRICS FOR COMMUNICATION

This training is designed to guide the staff of an organization that manages internal and external linkages, project teams, networking, and collaborations. This course will guide them on how to take together measurements of sociometrics and psychometrics, including DISC, MBTI and FFI as Social Capital elements to steer toward organizational excellence.



This course will further share how social capital plays a key role in organizational performance. Participants will also be exposed to the measurement and the application of social capital in various case studies.

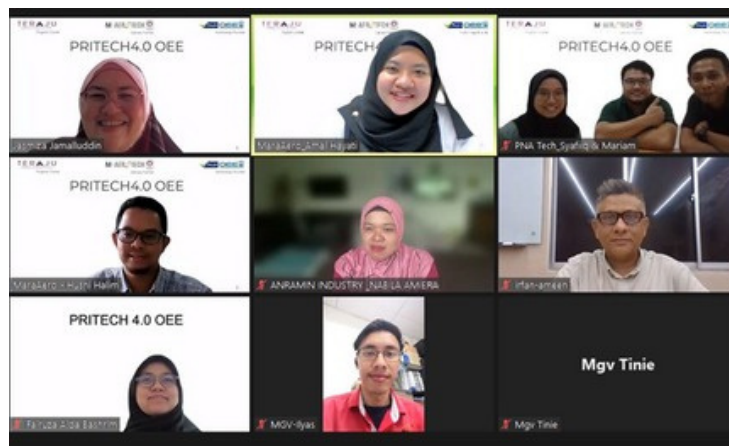
Attendees: Managers, project leaders, project members

No. of Participants: 20 pax

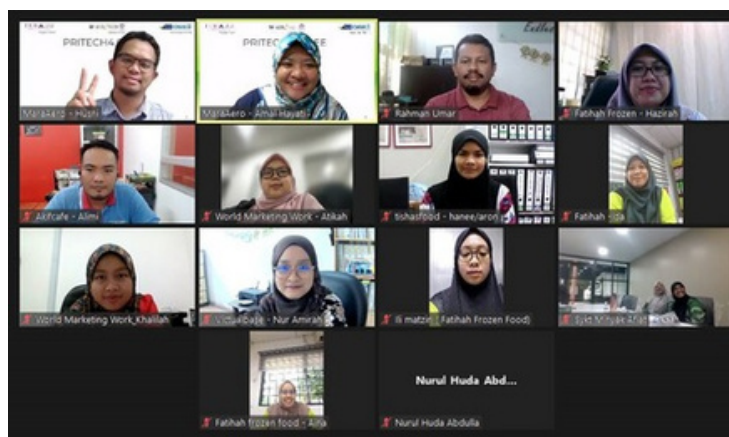
Duration: 2-days

No. of batch/session conducted: 4

OPERATIONAL EXCELLENCE



This training is designed to enable the beneficiary companies to improve their operational performance by synchronizing all vital elements in business management: man (team personality and performance) method, machines (OEE), materials and money (financial logic tree).



Attendees: Business Owners, Managers, project leaders, project members of the beneficiary companies PRITECH 4.0

Total No. of Participants: 24 pax

Duration: 2-days

No. of batch/session conducted: 2



IOT HACKATHON

This hackathon was sponsored by Microsoft to promote an integration of Information Technology (IT) with Operational Technology (OT) through the usage of Microsoft Azure, Data Acquisition and PowerBI to universities through a competition.

The hackathon has been participated by 12 groups of students from 3 universities; UiTM, UPM and UM.

**Attendees: Engineering, IT and
Agriculture Engineering
Students from UiTM, UPM and UM**
Total No. of Participants: 27 pax
Duration: 4-months (weekly class)
Including competition/judging day
No. of batch/session conducted: 1





MOBILE APP DEVELOPMENT



This 8-day training under a HRDCorp's Strategic Place & Train Income Generation initiative program.

Learn Flutter and Dart from the ground up, step-by-step. Start from building engaging native mobile apps for both Android and iOS, using features like Google Maps, the device camera, authentication and much more!



Learn how to upload images and how to send manual and automated push notifications. Learn all the basics without stopping after them: Dive deeply into Flutter & Dart and become an advanced developer.

Target group: Independent GIG worker

Training method: Online

No of participants: 40 pax

Learning activities: Lecture, practical exercise training

EFFECTIVE & PROFITABLE SMALL FARMING OPERATION

This 5-day training under HRDCorp's B40 Development Programme.

This training was attended by participants from various backgrounds with a passion for venturing into agro-industries. With respect to current food security issue in Malaysia, this paper was proposed to contribute to the issue's solution and generate supplement income and job opportunities through small-scale farming that can be easily started from home.

The program was taught by experts from the relevant industry and academicians with recent technology.

Target group: B40 Categories

Training method: Classroom & field work

No of participants: 100 pax



ROAD TO AGROPRENEUR PROGRAM



This 5-day training under HRDCorp's B40 Development Programme.

This training aimed to expose participants on how to quickly start a business in agriculture. Varieties of low-maintenance cash crops, such as corn, lemongrass and chilli, will be discussed. The participants also went through practical hands-on experience. The participants then will be able to choose the right crops that suit their style. Participants will learn the techniques to market their produce and financial management for small businesses.

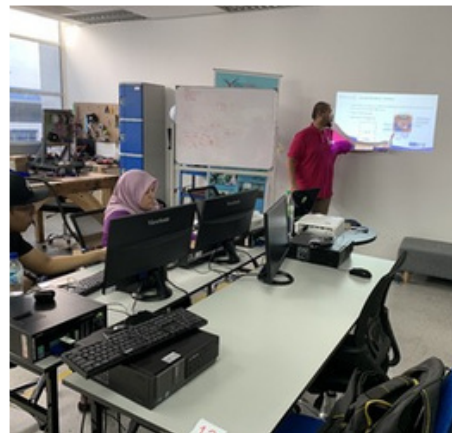
The program was a collaboration with UPM's Institut Kajian Perladangan (IKP) and was taught by experts from the relevant industry and academicians with recent technology

Training method: Classroom & field work

No of participants: 70 pax

GRADUATES EMPLOYABILITY PROGRAM & WORK-BASED LEARNING

This is an upskilling program to prepare the graduates and final-year students with the skills to develop an engineering system for industrial automation covering programming, data acquisition, installation and wiring. IT and Data Analytics.



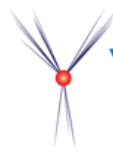
Total No. of Students: 30 pax

No. of batch/session conducted: 5

2017: 1 batch (Koleh Komuniti Seberang Jaya)

2018: 1 batch (Mara-Japan Industrial Institute)

2019 – 2020: 3 batches (Sponsored by MARA, open to all graduates)



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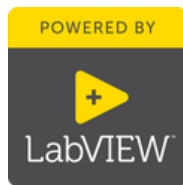
CLD EXAM PRACTICE CLASS

ONE STEP TOWARDS BECOMING
PROFICIENT LABVIEW DEVELOPER



The content

- Use common design pattern to develop modular, scalable & easily maintain program
- Develop complete program as instruction given with the guide of instructor through the programming development drilling & practice
- Tips & Tricks to score CLD on functionality, Programming Style and VI Documentation



**Become a competent
programmer**

**Learn the techniques to
develop code faster in
4-days following the
LABVIEW BEST PRACTICE**

**REGISTER
NOW!**



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(Hamiza Hamzah)**



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