



INTRODUCTION TO ROBOTIC PROCESS AUTOMATION (RPA) FOR ENGINEERS

A project jointly organised by The Institution of Engineers, Singapore (IES) and PACE@Singapore Polytechnic

SYNOPSIS

The course aims to introduce a software program called Robotic Process Automation (RPA) which imitates human actions while interacting with a computer application and accomplishing automation of repetitive, rule-based processes for workplace, engineering projects and data management.

This course intends to be very helpful and beneficial to engineers in the various field of engineering. Engineers can potentially use the program to edge their engineering minds and skills into infrastructure operation and manufacturing application by streamlining and simplifying the most complex processes. This definitely improve data quality by eliminating error when shifting data between systems.

This is an overview course certainly not to miss for Engineers to learn about automation process and how to design and deploy RPA robot for automation using UiPath.

At the end of the course, you will be able to:

- Understand what is RPA and its benefits to engineering projects and processes
- Design, build and deploy RPA for automation
- Apply and develop RPA solutions for suitable processes in one's engineering project and information flow

IMPORTANT NOTES: Participant is able to log in anytime between 13 May and 30 Oct 2020 to complete the 4 hours of training including assessment at the end of the session at your own pace within 5 working days.

2 PDUs for PEB PE / IES
CEngs (Approved)

ABOUT THE TRAINER

Mr. Joe Yang graduated from M.Sc. System Design and Management (NUS) and Bachelor of Electrical and Electronics Engineering (NTU) is currently working as a lecturer and program manager (Diploma in Computer Engineering, School of Electrical and Electronic Engineering, Singapore Polytechnic).

Mr. Yang is responsible for the development of curriculum in the areas of Machine Learning and AI, Mobile Application Development, IoT, Industrial IoT (i4.0) and Autonomous System Technology.

Having training and worked in various Engineering sectors, Joe has been actively involved in training learning enthusiasts from various Engineering industries.

What the course entails:

- Overview of Robotic Process Automation
- Introduction to RPA with UiPath
- Quick Tour of UiPath with Flowchart
- Sequence and Web browser Activities
- Working with Data Scraping, CSV , Data Table and Email Activities Assessment

Course Fees:

\$32.10 (IES Member)

\$53.50 (General Public)

(Price inclusive of Prevailing GST)

REGISTER [HERE](#) TO SECURE YOUR PLACE

START FROM 13 MAY 2020

Terms and Conditions :

- Participants will be given a login and password upon successful registration and payment
- Participants are required to complete 4 hours of training including quiz at the end of the session at your own pace within 5 working days.
- E-Certificate will be given upon completion of the full training.

For more enquiries, please contact or email to:

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