

ROS

ROS APPLICATION IN MOBILE ROBOT

DESCRIPTION :

Learn some libraries and tools that developers used to build industrial robotic applications



WHO SHOULD ATTEND :

- + Lecturer / Academician involved in Science, Technology, Engineering and Mathematics (STEM) education.
- + Those having basic computer knowledge and preliminary mathematics will ease the process of learning.
- + Engineers / Products designers working with robotics technology and handles extensive system simulation.



HRD CORP CLAIMABLE



DETAILS :

Duration : 5 Days (9am-6pm)

Venue : Technology Hub (T-Hub)
C-G-5, UPM-MTDC
Technology Centre III

Organised in collaboration with :

Technology provider by :



TRAINING MODULES :

Day 1: Introduction to Autonomous Mobile Robot

- + Intro other type of robot (AMR)
- + How robot (AMR) works
- + Intro to Controller (AMR)

Day 2: Introduction to Robot Operating System

- + Installation and Testing ROS on OS

Day 3: Demo of Robot Operating System

- + Do your own setting program
- + Create own parameter

Day 4: Autonomous Mobile Robot Gazebo Simulation

- + Integrated ROS and Hardware
- + 2D Mapping

Day 5: Autonomous Mobile Robot with Robot Operating System

- + Live Mapping with Robot
- + Autonomous Navigation

for more information contact :

TechCapital Resources Sdn Bhd

Block C, UPM-MTDC Technology Centre III, UPM Serdang, 43400, Serdang, Selangor Darul Ehsan

Direct Line : 03-8957 8395 || Direct Email : training@t-robot.my



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