



ROS



India's 1st Advanced Automation Research Center

SIAA CERTIFICATION IN ROS

ROBOT OPERATING SYSTEM TRAINING COURSE

SIAA's Robot operating System Training Course is a flagship program which enables you to learn about ROS and master the ROS practices. The course will give you deep insight into the research application for ROS and learn about simulation techniques. You will gain hands-on experience on the ROS platform and making robots using ROS.

Visit: www.siaa.tech, Call: (+91) 8800302505 / 8800301109

Email us: hello@siaa.tech

About US

SIAA is India's 1st Advanced automation research centre which is responsible for driving applied research for multiple industries like agriculture, manufacturing, construction, healthcare and defence. SIAA, being the fastest-growing academia brand in Asia, also provides training and certification in advance technologies to academia and corporate that increase professional's skill capabilities.

Course Benefits

- ➡ Prove Your ROS skill & understandings
- ➡ Gain in-depth knowledge of ROS & Its implementation
- ➡ Implement your skills in robot & simulation application
- ➡ Readyness for advanced robot development
- ➡ SIAA Certification in ROS

Career Facts

Top Job Functions

Robot Operating System is the fastest growing open source tool for robot software development. A very essential tool for robot research and robot development. Company across the world are implementing ROS for primary research.

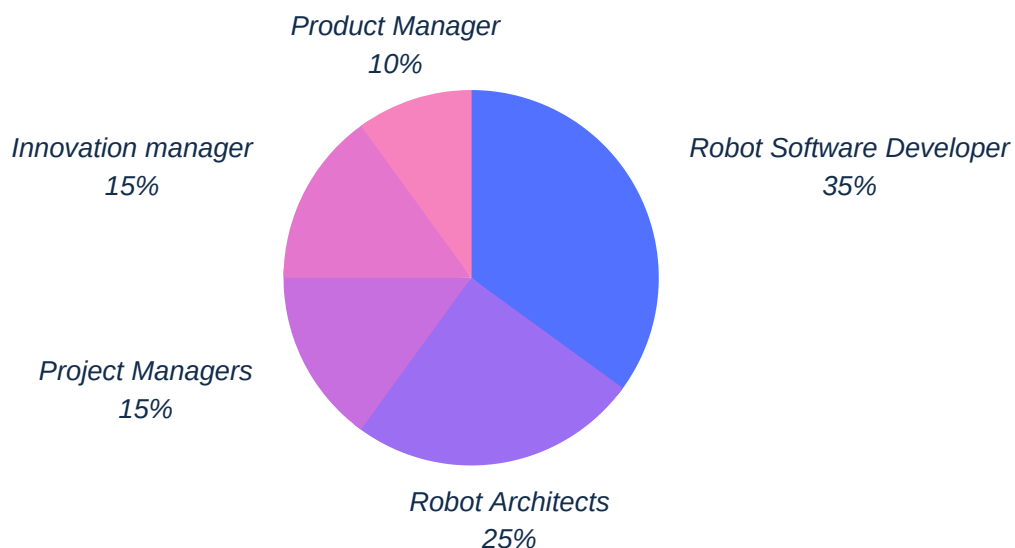


Figure: Pie Chart (Top Job Function)

Program Features

- ➡ Real-time industry projects
- ➡ 30-days of intense learning
- ➡ Instructor-led training
- ➡ Flexible to choose classes
- ➡ Accredited SIAA Certificate

Who Should Enroll

- ➡ Research Aspirants
- ➡ Robot hobbyist
- ➡ Engineering Students
- ➡ Engineering Post-Grad students
- ➡ Software Engineer

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- About ROS
- Robot Software Platform
- Need for Robot Software Platform

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- Objectives of ROS
- ROS Ecosystem
- ROS Versions
- ROS platform

Lesson-3 Configuring the ROS Development Environment

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- ROS Setting
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Lesson-4 Important Concepts of ROS

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- Bot design in ROS

Lesson-5 Projects with ROS

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Lesson-6 What is gazebo?

- Gazebo overview
- Application of Gazebo
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Lesson-7 Gazebo interfacing with ROS

Lesson-8 Project building with ROS

Lesson-9 Simulation design with Gazebo

Lesson-10 Robot testing with Gazebo

For More Information,

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SIAA is an initiative by Schleife Automation Company which offers advance level automation training solutions to corporate and academia. SIAA is developing a degree independent platform for professionals across the globe to validate the skill set. SIAA has introduced the most facilitated technology training of automation with the collaboration of industry experts and hi-tech companies. We made it possible for the learners to feel the real-time industry experience in the live environment and enables them to tackle the real industry problems.

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