

MENTORS FROM

Qualcomm

HITACHI

LG Electronics



ABB

ROBO AI

INSPIRED BY BOSTON DYNAMICS

BROCHURE

A 45 DAY INDUSTRIAL TRAINING ON ROBOTICS AUTOMATION
AND SOFTWARE SIMULATION WITH AI



ABOUT US

" Turning your passion into a career "

My Equation™ is a Skill Tech organization that specializes in the upskilling of engineers and the engineering community through industrial training programs and vocational education, bridging the gap between academia and industry.

With personalized industrial live sessions, My Equation has developed
40+ products and onboarded
50,000+ mentees from
1800+ colleges, with an impressive
8.8 million+ outreach across social media, making a significant impact in engineering education and accelerating career growth by 5x.

Whether you are a student, working professional, or someone looking to upskill, we have a program for you, accredited by leading industrial partners to help you thrive in your career.

ABOUT **ROBO** AI

This Industrial Training Program is designed to provide a foundational to intermediate understanding of Robotics and Artificial Intelligence (AI) in the industry. The program simplifies complex concepts, making them accessible while ensuring a strong theoretical and practical grasp of industrial robotics and AI applications.



Expert Mentors

Mentorship | Career guidance
from BIG companies



Live Recordings of Expert Sessions

Gain unlimited access to live
recordings of expert-led sessions
anytime, anywhere



Industrial Grade Projects

We offer Industrial Grade Projects



Case Studies

Stay tuned with case studies &
industrial standards

Who Can Enroll?

- Curious beginners, diploma holders, engineers, ITI students, working professionals, and individuals from any domain looking to enter the Robotics and AI industry.)
- Provides an in-depth learning experience, tailored to the individual's knowledge level and learning pace.
- Perfect for those seeking hands-on exposure to industrial robotics and AI technologies.

KEY GOAL

An inspiration towards **Boston Dynamics**, the mentees will be challenged with the recreation of **SPOT (Agile mobile Robot)** as a credit based industrial project

Boston Dynamics



MODULES

Mechanical & Industrial Design

Module 1



Robot mathematics

Mechanical CAD & CAM

Spatial R-D-H planar

Actuator Arm Design & Interface

& MORE

Electronics, Electrical

Module 2



PCB design, assembly, sensors, actuators

Analog/digital, SPI, UART, I2C

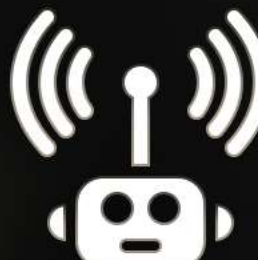
Sensors, fusion, actuators, sync/async

Arduino, ESP32, WiFi, 802.11

& MORE

ML/AI & ROS-2

Module 3



Python, Functions, Libraries

Regression, Clustering, RL, RS

Gen AI-LLM, GAN's, CNN, RNN

ROS 2- Nodes, Turtle sim, URDF


ROS 2- Joints, Collisions, Inertia

& MORE

OUR MENTOR POOL



ARKO

from 



SHASHANK

from 



AJAY VAISHNAV

from 



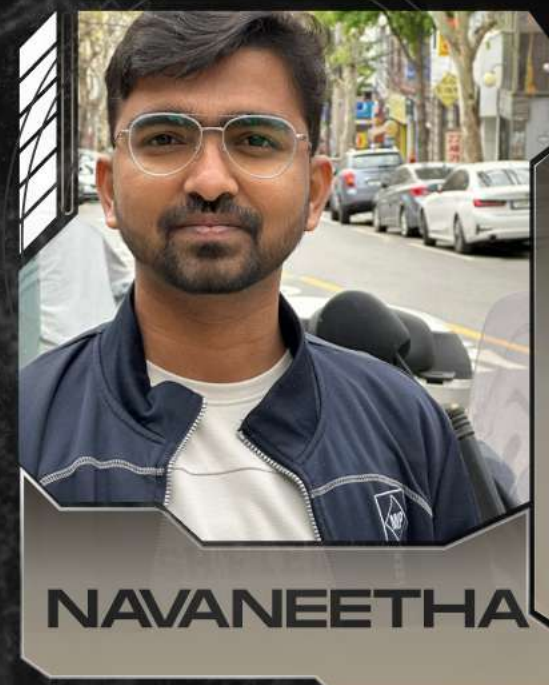
SARTHAK

from 



GOPALKRISHNAN

from 



NAVANEETHA

from 



MOHIT

ex 



KEIVALYA

from 



HARSH

from 

WORK WITH SOFTWARES LIKE :



& MANY MORE



* Usage and provisioning of the software are at the discretion of the mentor and mentee, subject to agreement.

DELIVERABLES

Levels of Certification



Certificate of
Participation

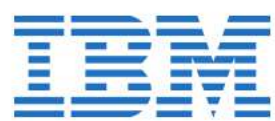


Certificate of
Appreciation



LOR for
Top Performers

Ratification from :



Sample Certificate



Sample LOR

ACHIEVEMENTS

Part of an exclusive deep tech club - NVIDIA inception programme.



TiE Surat Chapter Level Winner for Global Pitch Competition by TiE University Program



Our Technical Team secured the 1st position in the "IEEE Innovation and Ideation Challenge"



AWS Activate - We are a part of the AWS activate program for startups



TechAnalogy is recognised under Top 30 Startup in India organised by Techcelerate



Tech Analogy is a part of the Microsoft for startups hub program





SMO Head

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