

MathWorks

## Agenda

- Why Project-based Learning?
- How to get started
- Working with Hardware
  - Blink an LED
  - Reading sensor data, acting on data
  - Design and deploy digital filter in FPGAs
- IoT Analytics using ThingSpeak
  - ThingSpeak Apps
  - ThingSpeak Data Explorer
- Projects for industry-readiness
  - [Home · MathWorks Excellence in Innovation Wiki · GitHub](#)

Windows taskbar: 06:28, system tray icons, 12:16 PM 12/20/2023

Teams meeting controls: +11, NP, R, V, DD, HT, VV, SM, SF (suvin fayaz (Guest)), RM (Ratheesh P. M. (Guest)), PS (Pankaj Saagar (Guest)), Anand Mukhopadhyay