IOT/Hardware(Arduino) projects

- **About :**
  3D LED Display Controlled by Arduino microcontroller:
  Used Arduino IDE package, a 3D mesh is created using copper wires, wherein horizontal mesh serves as the cathode and vertical as the cathode. Also used Bluetooth module HC-05 for input/output which is provided through an android app, included games. This is done as a part of B Tech 2nd year design project. Other projects include working prototypes of a smart house, automated irrigation system, an automated railway gate opener. These are done as part of assignments for Embedded systems course in B Tech 7th semester. I have also completed a certified course on Introduction to IOT and Embedded Systems in coursera.

- **Link to working prototype:**
  https://www.youtube.com/watch?v=cHeYvsKsbz8

- **Link to project:**
  https://github.com/hope4/IOT

- **Link to course certification**
  https://www.coursera.org/account/accomplishments/certificate/6ASN8H27E4WN